

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092223\
 Data File : BP017289.D
 Acq On : 22 Sep 2023 16:34
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020747

Quant Time: Sep 22 17:06:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 21 23:51:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/25/2023
 Supervised By :mohammad ahmed 09/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	187273	20.000	ng/u1	0.00
20) Naphthalene-d8	10.757	136	755543	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.592	164	459847	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.363	188	1030872	20.000	ng/u1	0.00
79) Chrysene-d12	21.474	240	1012201	20.000	ng/u1	0.00
88) Perylene-d12	23.992	264	1124726	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	36485	8.002	ng/uL	0.00
4) Pyridine-d5	3.740	84	259573	20.365	ng/u1	0.00
7) Phenol-d5	7.093	99	312375	20.310	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	183964	19.819	ng/u1	0.00
11) 2-Chlorophenol-d4	7.457	132	259086	21.239	ng/u1	0.00
15) 4-Methylphenol-d8	8.652	113	247508	20.698	ng/u1	0.00
21) Nitrobenzene-d5	9.134	128	117739	21.556	ng/u1	0.00
24) 2-Nitrophenol-d4	9.846	143	129277	21.797	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	249010	22.223	ng/u1	0.00
31) 4-Chloroaniline-d4	10.922	131	349699	21.544	ng/u1	0.00
46) Dimethylphthalate-d6	14.010	166	705676	21.422	ng/u1	0.00
49) Acenaphthylene-d8	14.292	160	814847	21.507	ng/u1	0.00
54) 4-Nitrophenol-d4	14.828	143	123568	21.531	ng/u1	0.00
60) Fluorene-d10	15.592	176	614454	21.666	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.728	200	98987	17.037	ng/u1	0.00
73) Anthracene-d10	17.469	188	973751	21.298	ng/u1	0.00
81) Pyrene-d10	19.710	212	1173630	21.441	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.821	264	1161524	21.449	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	38076	8.155	ng/uL	98
5) Pyridine	3.758	79	263617	19.922	ng/u1	100
6) Benzaldehyde	7.093	77	186292	23.734	ng/u1	99
8) Phenol	7.116	94	315878	20.419	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.369	93	252734	20.211	ng/u1	97
12) 2-Chlorophenol	7.487	128	258374	20.857	ng/u1	100
13) 2-Methylphenol	8.381	108	234969	20.527	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.446	45	309883m	19.594	ng/u1	
16) Acetophenone	8.787	105	380946	20.616	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.752	70	187916	20.377	ng/u1	98
18) 4-Methylphenol	8.716	108	255779	20.854	ng/u1	94
19) Hexachloroethane	8.999	117	105280	20.472	ng/u1	96
22) Nitrobenzene	9.175	77	290163	20.936	ng/u1	99
23) Isophorone	9.687	82	516199	20.784	ng/u1	100
25) 2-Nitrophenol	9.881	139	139310	21.677	ng/u1	97
26) 2,4-Dimethylphenol	9.922	107	268459	20.965	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.175	93	329803	20.571	ng/u1	97
29) 2,4-Dichlorophenol	10.398	162	241388	21.850	ng/u1	99
30) Naphthalene	10.810	128	826240	21.002	ng/u1	100
32) 4-Chloroaniline	10.946	127	333857	21.464	ng/u1	99
33) Hexachlorobutadiene	11.034	225	164092	21.342	ng/u1	95
34) Caprolactam	11.769	113	71548	22.414	ng/u1	93
35) 4-Chloro-3-methylphenol	12.051	107	248425	22.372	ng/u1	97
36) 2-Methylnaphthalene	12.416	142	548544	21.364	ng/u1	100

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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.634	142	563508	21.469	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.763	216	309083	20.944	ng/ul	99
40) Hexachlorocyclopentadiene	12.710	237	116898	13.997	ng/ul	94
41) 2,4,6-Trichlorophenol	13.022	196	199617	22.300	ng/ul	99
42) 2,4,5-Trichlorophenol	13.098	196	210959	22.494	ng/ul	99
43) 1,1'-Biphenyl	13.428	154	719246	20.615	ng/ul	99
44) 2-Chloronaphthalene	13.475	162	584948	21.148	ng/ul	100
45) 2-Nitroaniline	13.710	65	145420	21.402	ng/ul	97
47) Dimethylphthalate	14.057	163	704839	21.241	ng/ul	99
48) 2,6-Dinitrotoluene	14.204	165	129052	22.391	ng/ul	97
50) Acenaphthylene	14.322	152	938656	21.187	ng/ul	99
51) 3-Nitroaniline	14.545	138	142259	22.936	ng/ul	90
52) Acenaphthene	14.657	153	613997	20.985	ng/ul	98
53) 2,4-Dinitrophenol	14.745	184	51371	14.248	ng/ul	97
55) 4-Nitrophenol	14.839	109	96074	21.428	ng/ul	95
56) Dibenzofuran	14.998	168	855296	21.346	ng/ul	99
57) 2,4-Dinitrotoluene	14.986	165	195960	23.082	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.216	232	181590	22.819	ng/ul	97
59) Diethylphthalate	15.410	149	701940	21.881	ng/ul	99
61) Fluorene	15.651	166	702067	21.566	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.639	204	358995	21.758	ng/ul	98
63) 4-Nitroaniline	15.716	138	136286	24.619	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.739	198	108538	17.317	ng/ul	100
67) N-Nitrosodiphenylamine	15.869	169	584138	20.601	ng/ul	99
68) 4-Bromophenyl-phenylether	16.545	248	216809	20.935	ng/ul	100
69) Hexachlorobenzene	16.628	284	252216	20.987	ng/ul	95
70) Atrazine	16.822	200	214341	21.099	ng/ul	97
71) Pentachlorophenol	16.992	266	152011	20.477	ng/ul	98
72) Phenanthrene	17.410	178	1130695	20.941	ng/ul	99
74) Anthracene	17.504	178	1154398	21.096	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.381	216	313245	19.799	ng/uL	98
76) Pentachlorobenzene	14.886	250	298326	19.961	ng/uL	99
77) Carbazole	17.792	167	1038203	21.330	ng/ul	99
78) Di-n-butylphthalate	18.298	149	1217316	22.744	ng/ul	99
80) Fluoranthene	19.380	202	1375981	21.555	ng/ul	98
82) Pyrene	19.739	202	1439510	21.212	ng/ul	99
83) Butylbenzylphthalate	20.598	149	567113	23.569	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.398	252	458218	20.836	ng/ul	98
85) Benzo(a)anthracene	21.457	228	1462912	21.414	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	839704	24.165	ng/ul	99
87) Chrysene	21.510	228	1361497	21.177	ng/ul	99
89) Di-n-octyl phthalate	22.292	149	1441296	23.296	ng/ul	100
90) Benzo(b)fluoranthene	23.204	252	1427359	21.525	ng/ul	99
91) Benzo(k)fluoranthene	23.257	252	1407173	21.033	ng/ul	99
93) Benzo(a)pyrene	23.874	252	1348951	21.261	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.656	276	1637507	20.591	ng/ul	99
95) Dibenzo(a,h)anthracene	26.680	278	1367775	20.650	ng/ul	98
96) Benzo(g,h,i)perylene	27.498	276	1319157	20.570	ng/ul	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

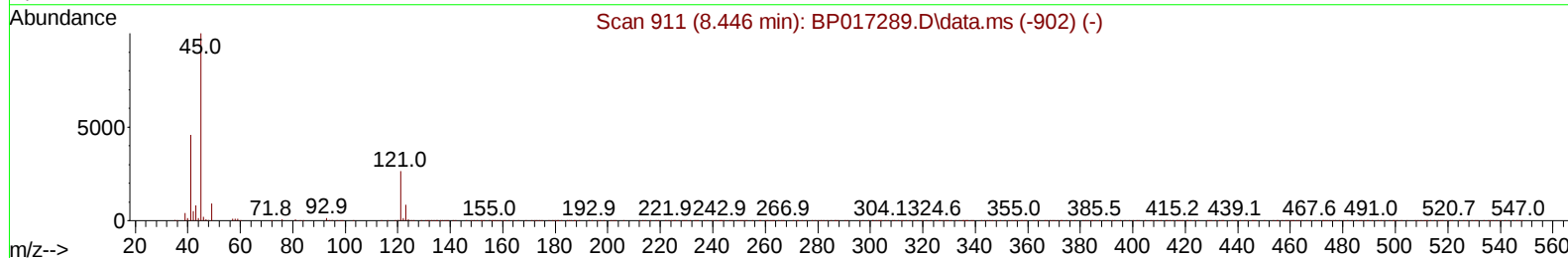
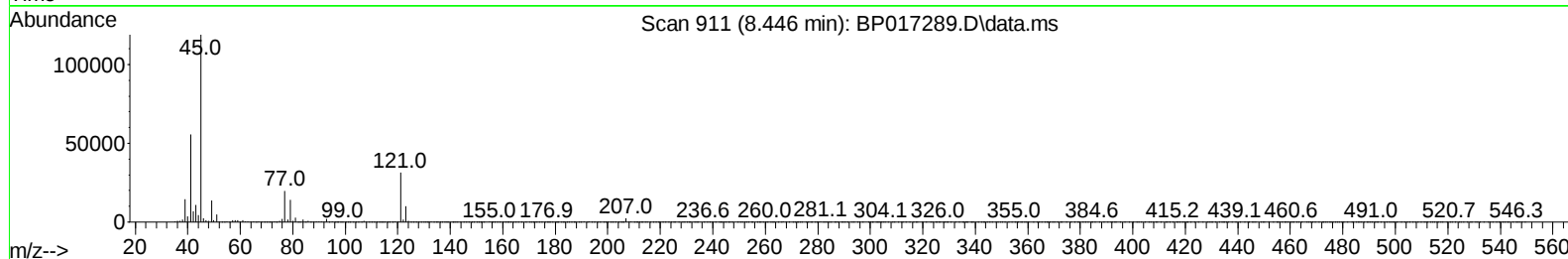
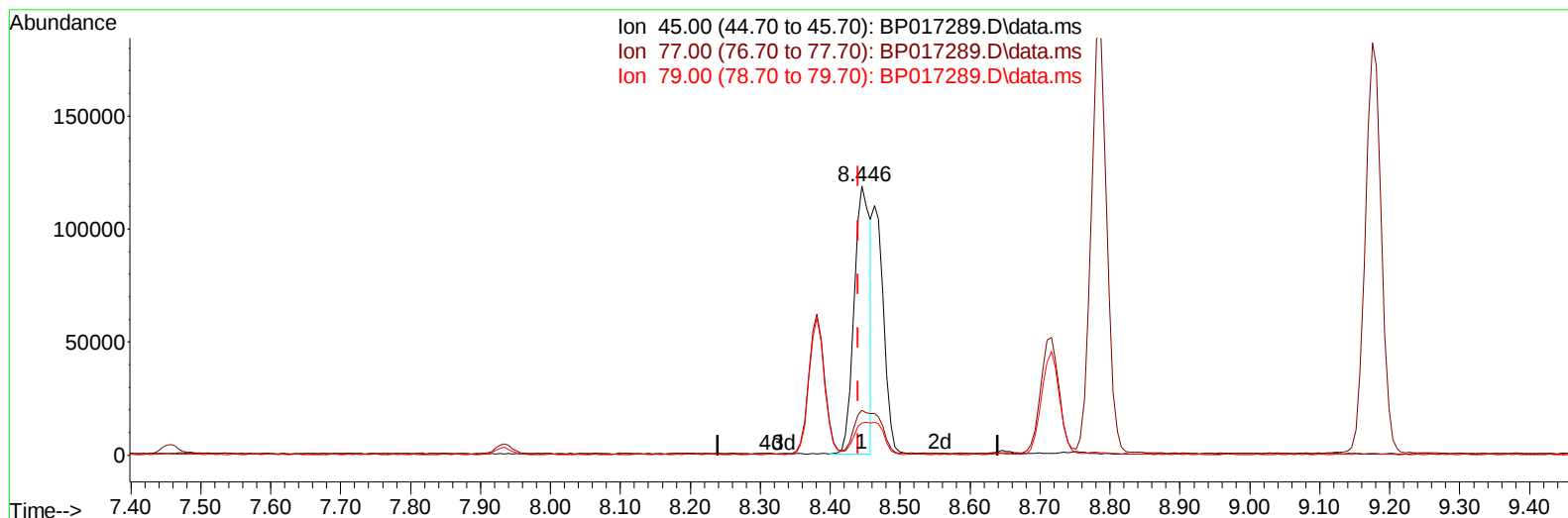
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Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/25/2023
 Supervised By :mohammad ahmed 09/27/2023

Quant Time: Sep 27 02:40:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 26 04:52:29 2023
 Response via : Initial Calibration



TIC: BP017289.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.446min (+ 0.006) 11.97 ng/u1

response 189387

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.60	16.72
79.00	11.80	11.84
0.00	0.00	0.00

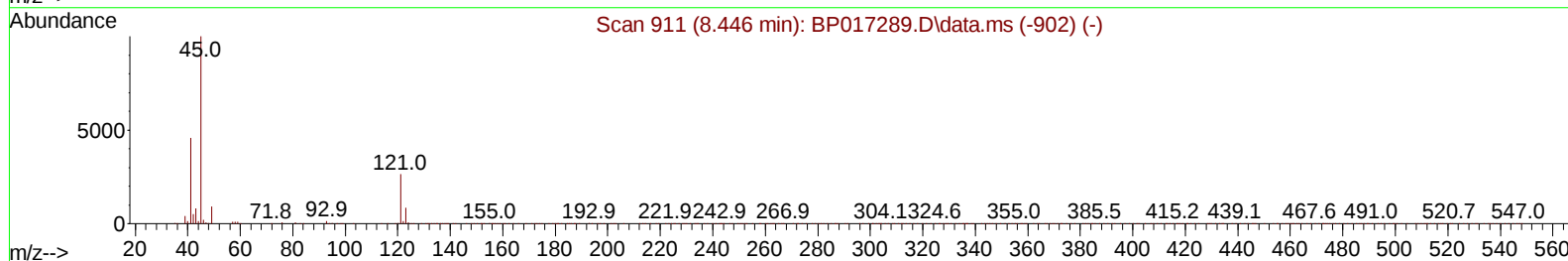
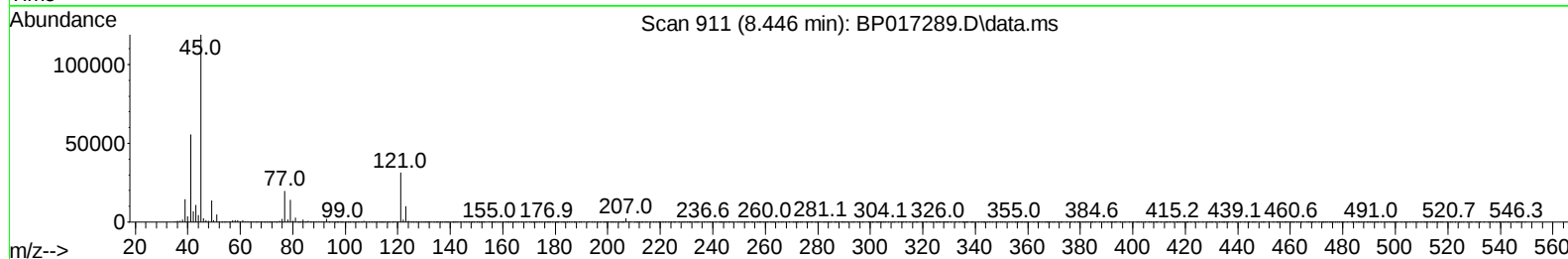
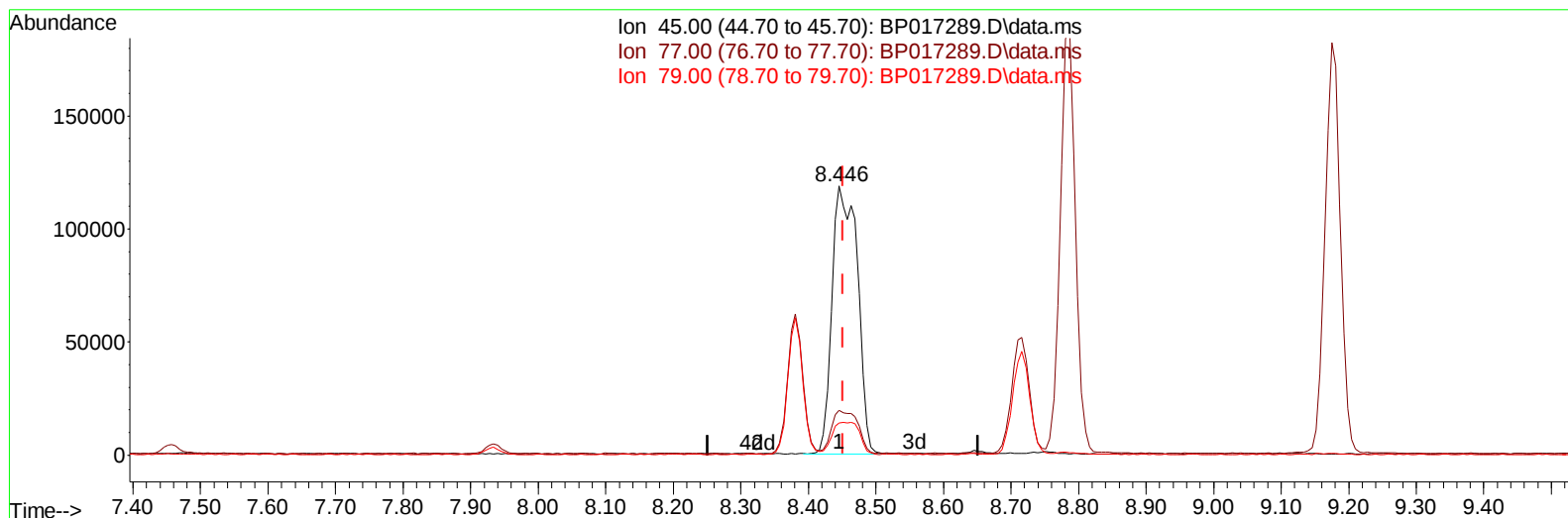
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TIC: BP017289.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.446min (-0.006) 19.59 ng/ul m

response 309883

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.60	16.72
79.00	11.80	11.84
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	187273	20.000	ng/ul	0.00
20) Naphthalene-d8	10.757	136	755543	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.592	164	459847	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.363	188	1030872	20.000	ng/ul	0.00
79) Chrysene-d12	21.474	240	1012201	20.000	ng/ul	0.00
88) Perylene-d12	23.992	264	1124726	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	36485	8.002	ng/uL	0.00
4) Pyridine-d5	3.740	84	259573	20.365	ng/ul	0.00
7) Phenol-d5	7.093	99	312375	20.310	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	183964	19.819	ng/ul	0.00
11) 2-Chlorophenol-d4	7.457	132	259086	21.239	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	247508	20.698	ng/ul	0.00
21) Nitrobenzene-d5	9.134	128	117739	21.556	ng/ul	0.00
24) 2-Nitrophenol-d4	9.846	143	129277	21.797	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	249010	22.223	ng/ul	0.00
31) 4-Chloroaniline-d4	10.922	131	349699	21.544	ng/ul	0.00
46) Dimethylphthalate-d6	14.010	166	705676	21.422	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	814847	21.507	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	123568	21.531	ng/ul	0.00
60) Fluorene-d10	15.592	176	614454	21.666	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.728	200	98987	17.037	ng/ul	0.00
73) Anthracene-d10	17.469	188	973751	21.298	ng/ul	0.00
81) Pyrene-d10	19.710	212	1173630	21.441	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.821	264	1161524	21.449	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	38076	8.155	ng/uL	98
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39) 1,2,4,5-Tetrachloroben...	12.763	216	309083	20.944	ng/ul	99
40) Hexachlorocyclopentadiene	12.710	237	116898	13.997	ng/ul	94
41) 2,4,6-Trichlorophenol	13.022	196	199617	22.300	ng/ul	99
42) 2,4,5-Trichlorophenol	13.098	196	210959	22.494	ng/ul	99
43) 1,1'-Biphenyl	13.428	154	719246	20.615	ng/ul	99
44) 2-Chloronaphthalene	13.475	162	584948	21.148	ng/ul	100
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48) 2,6-Dinitrotoluene	14.204	165	129052	22.391	ng/ul	97
50) Acenaphthylene	14.322	152	938656	21.187	ng/ul	99
51) 3-Nitroaniline	14.545	138	142259	22.936	ng/ul	90
52) Acenaphthene	14.657	153	613997	20.985	ng/ul	98
53) 2,4-Dinitrophenol	14.745	184	51371	14.248	ng/ul	97
55) 4-Nitrophenol	14.839	109	96074	21.428	ng/ul	95
56) Dibenzofuran	14.998	168	855296	21.346	ng/ul	99
57) 2,4-Dinitrotoluene	14.986	165	195960	23.082	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.216	232	181590	22.819	ng/ul	97
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68) 4-Bromophenyl-phenylether	16.545	248	216809	20.935	ng/ul	100
69) Hexachlorobenzene	16.628	284	252216	20.987	ng/ul	95
70) Atrazine	16.822	200	214341	21.099	ng/ul	97
71) Pentachlorophenol	16.992	266	152011	20.477	ng/ul	98
72) Phenanthrene	17.410	178	1130695	20.941	ng/ul	99
74) Anthracene	17.504	178	1154398	21.096	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.381	216	313245	19.799	ng/uL	98
76) Pentachlorobenzene	14.886	250	298326	19.961	ng/uL	99
77) Carbazole	17.792	167	1038203	21.330	ng/ul	99
78) Di-n-butylphthalate	18.298	149	1217316	22.744	ng/ul	99
80) Fluoranthene	19.380	202	1375981	21.555	ng/ul	98
82) Pyrene	19.739	202	1439510	21.212	ng/ul	99
83) Butylbenzylphthalate	20.598	149	567113	23.569	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.398	252	458218	20.836	ng/ul	98
85) Benzo(a)anthracene	21.457	228	1462912	21.414	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	839704	24.165	ng/ul	99
87) Chrysene	21.510	228	1361497	21.177	ng/ul	99
89) Di-n-octyl phthalate	22.292	149	1441296	23.296	ng/ul	100
90) Benzo(b)fluoranthene	23.204	252	1427359	21.525	ng/ul	99
91) Benzo(k)fluoranthene	23.257	252	1407173	21.033	ng/ul	99
93) Benzo(a)pyrene	23.874	252	1348951	21.261	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.656	276	1637507	20.591	ng/ul	99
95) Dibenzo(a,h)anthracene	26.680	278	1367775	20.650	ng/ul	98
96) Benzo(g,h,i)perylene	27.498	276	1319157	20.570	ng/ul	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :

BNA_P

ClientSampleId :

SSTD020747

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/27/2023

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/25/2023
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