

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
 Data File : BP014254.D
 Acq On : 23 Mar 2023 12:59
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020788

Quant Time: Mar 24 01:56:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 23 04:56:06 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/24/2023
 Supervised By : Jagrut Upadhyay 03/24/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	165190	20.000	ng/u1	0.00
20) Naphthalene-d8	10.857	136	749998	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.681	164	544751	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.439	188	1270843	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.521	240	1297679	20.000	ng/u1	# 0.00
88) Perylene-d12	24.045	264	1343989	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	31966	7.311	ng/uL	0.00
4) Pyridine-d5	3.834	84	229712	18.976	ng/u1	0.00
7) Phenol-d5	7.193	99	302690	20.764	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.357	67	192306	22.620	ng/u1	0.00
11) 2-Chlorophenol-d4	7.563	132	225718	20.323	ng/u1	0.00
15) 4-Methylphenol-d8	8.751	113	260441	21.872	ng/u1	0.00
21) Nitrobenzene-d5	9.210	128	121044	20.227	ng/u1	0.00
24) 2-Nitrophenol-d4	9.940	143	142669	19.916	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	259091	19.222	ng/u1	0.00
31) 4-Chloroaniline-d4	10.998	131	361189	20.249	ng/u1	0.00
46) Dimethylphthalate-d6	14.086	166	906569	19.609	ng/u1	0.00
49) Acenaphthylene-d8	14.375	160	986136	20.136	ng/u1	0.00
54) 4-Nitrophenol-d4	14.886	143	153597	18.853	ng/u1	0.00
60) Fluorene-d10	15.675	176	764008	19.499	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	179987	18.739	ng/u1	0.00
73) Anthracene-d10	17.539	188	1245580	20.190	ng/u1	0.00
81) Pyrene-d10	19.769	212	1501194	20.975	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.880	264	1438869	20.127	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.440	88	34721	7.356	ng/uL	90
5) Pyridine	3.858	79	231063	18.822	ng/u1	94
6) Benzaldehyde	7.175	77	174962	24.121	ng/u1	99
8) Phenol	7.222	94	317000	21.086	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.452	93	253336	21.996	ng/u1	96
12) 2-Chlorophenol	7.599	128	231806	20.716	ng/u1	93
13) 2-Methylphenol	8.487	108	239930	21.463	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.563	45	327084	26.297	ng/u1	99
16) Acetophenone	8.869	105	430848	22.398	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.851	70	235049	23.885	ng/u1	97
18) 4-Methylphenol	8.816	108	270044	21.963	ng/u1	97
19) Hexachloroethane	9.122	117	100359	20.478	ng/u1	96
22) Nitrobenzene	9.257	77	332682	20.782	ng/u1	97
23) Isophorone	9.781	82	659813	21.404	ng/u1	97
25) 2-Nitrophenol	9.969	139	147338	19.957	ng/u1	95
26) 2,4-Dimethylphenol	10.022	107	335084	20.736	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.263	93	382413	21.446	ng/u1	99
29) 2,4-Dichlorophenol	10.504	162	258962	19.477	ng/u1	96
30) Naphthalene	10.910	128	837884	20.345	ng/u1	100
32) 4-Chloroaniline	11.028	127	368445	20.527	ng/u1	98
33) Hexachlorobutadiene	11.187	225	185203	17.505	ng/u1	95
34) Caprolactam	11.810	113	87555m	20.281	ng/u1	
35) 4-Chloro-3-methylphenol	12.145	107	333487	21.691	ng/u1	97
36) 2-Methylnaphthalene	12.510	142	592569	20.513	ng/u1	99

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Reviewed By : Christian Giraldo 03/24/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.728	142	591300	20.365	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.875	216	362371	18.395	ng/ul	98
40) Hexachlorocyclopentadiene	12.851	237	230945	16.372	ng/ul	97
41) 2,4,6-Trichlorophenol	13.122	196	239111	19.323	ng/ul	97
42) 2,4,5-Trichlorophenol	13.198	196	257165	18.936	ng/ul	98
43) 1,1'-Biphenyl	13.516	154	841969	20.076	ng/ul	98
44) 2-Chloronaphthalene	13.563	162	666926	20.022	ng/ul	98
45) 2-Nitroaniline	13.775	65	223753	22.712	ng/ul	95
47) Dimethylphthalate	14.134	163	898841	19.642	ng/ul	99
48) 2,6-Dinitrotoluene	14.263	165	182015	20.118	ng/ul	98
50) Acenaphthylene	14.404	152	1046216	20.356	ng/ul	99
51) 3-Nitroaniline	14.598	138	169012	21.099	ng/ul	91
52) Acenaphthene	14.745	153	738630	20.557	ng/ul	99
53) 2,4-Dinitrophenol	14.804	184	132910	19.672	ng/ul	94
55) 4-Nitrophenol	14.904	109	162615	18.478	ng/ul	84
56) Dibenzofuran	15.081	168	1042026	19.935	ng/ul	100
57) 2,4-Dinitrotoluene	15.051	165	270380	20.003	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.310	232	245522	18.897	ng/ul	98
59) Diethylphthalate	15.492	149	922706	19.880	ng/ul	99
61) Fluorene	15.733	166	864509	19.952	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.722	204	453743	18.973	ng/ul	100
63) 4-Nitroaniline	15.763	138	178490	21.677	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.816	198	174328	19.024	ng/ul	96
67) N-Nitrosodiphenylamine	15.939	169	743780	20.723	ng/ul	99
68) 4-Bromophenyl-phenylether	16.622	248	294622	19.177	ng/ul	98
69) Hexachlorobenzene	16.739	284	345788	19.100	ng/ul	97
70) Atrazine	16.892	200	301866	19.500	ng/ul	97
71) Pentachlorophenol	17.092	266	236984	20.026	ng/ul	97
72) Phenanthrene	17.486	178	1421170	20.503	ng/ul	99
74) Anthracene	17.575	178	1446946	20.588	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.481	216	374745	19.214	ng/ul	98
76) Pentachlorobenzene	14.998	250	392684	19.382	ng/ul	99
77) Carbazole	17.845	167	1282179	20.683	ng/ul	100
78) Di-n-butylphthalate	18.374	149	1603534	20.697	ng/ul	100
80) Fluoranthene	19.439	202	1740137	21.331	ng/ul#	93
82) Pyrene	19.792	202	1829972	21.504	ng/ul#	94
83) Butylbenzylphthalate	20.651	149	764286	22.273	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.433	252	641110	19.299	ng/ul#	99
85) Benzo(a)anthracene	21.510	228	1829540	20.044	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.404	149	1121325	21.858	ng/ul	99
87) Chrysene	21.563	228	1732617	19.918	ng/ul	100
89) Di-n-octyl phthalate	22.363	149	1916533	22.599	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	1812084	20.234	ng/ul	98
91) Benzo(k)fluoranthene	23.321	252	1799513	21.072	ng/ul	99
93) Benzo(a)pyrene	23.933	252	1568422	20.135	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.698	276	1851106	17.952	ng/ul	97
95) Dibenzo(a,h)anthracene	26.709	278	1549263	18.077	ng/ul	99
96) Benzo(g,h,i)perylene	27.509	276	1447267	17.559	ng/ul	98

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

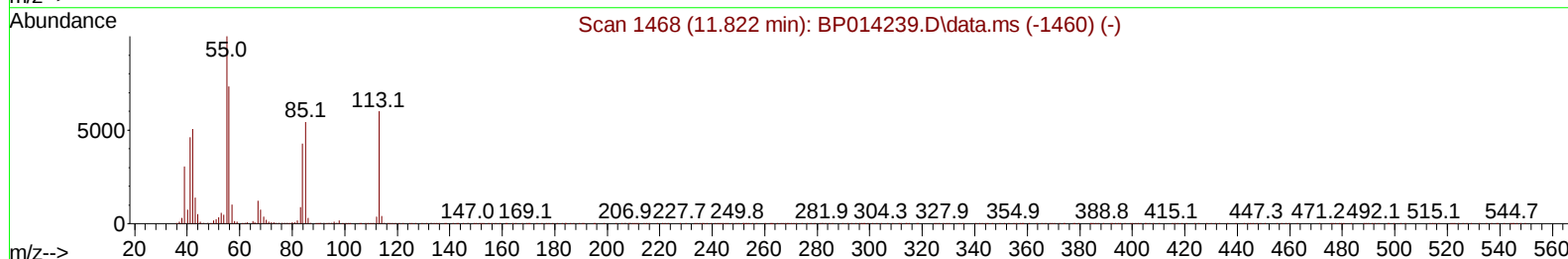
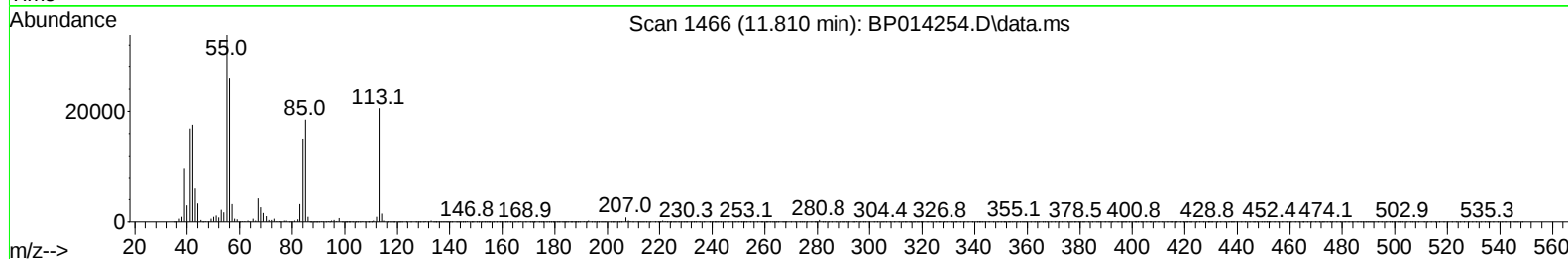
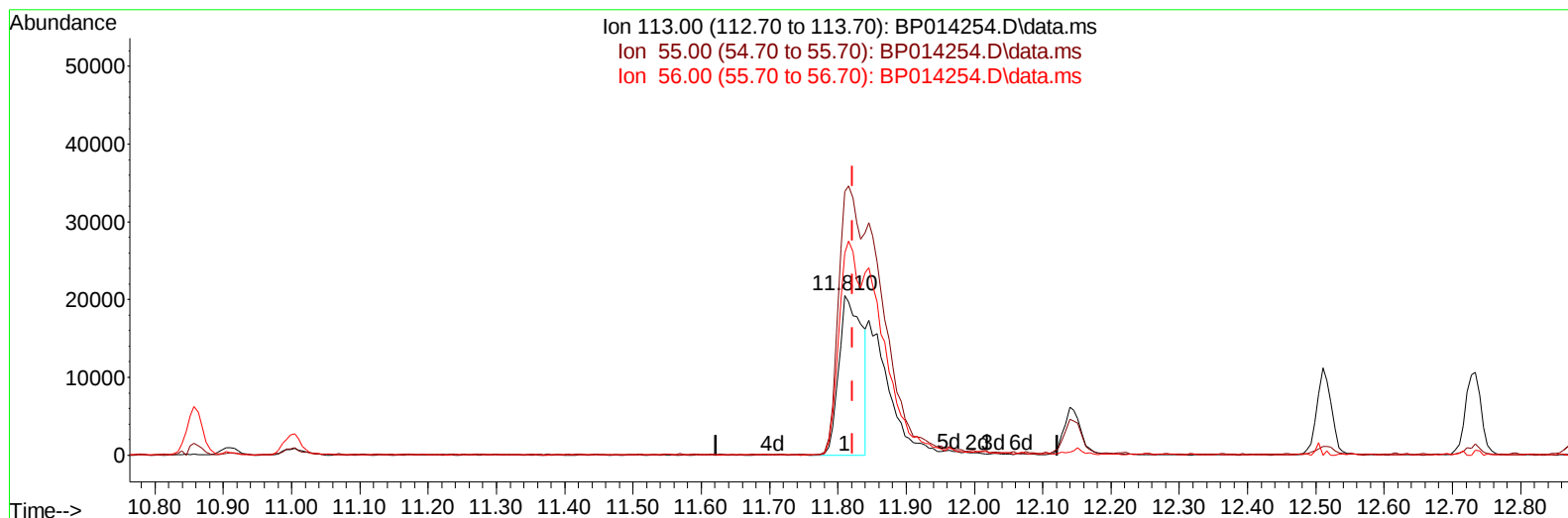
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TIC: BP014254.D\data.ms

(34) Caprolactam

11.810min (-0.012) 11.17 ng/ul

response 48215

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	165.07
56.00	127.50	126.43
0.00	0.00	0.00

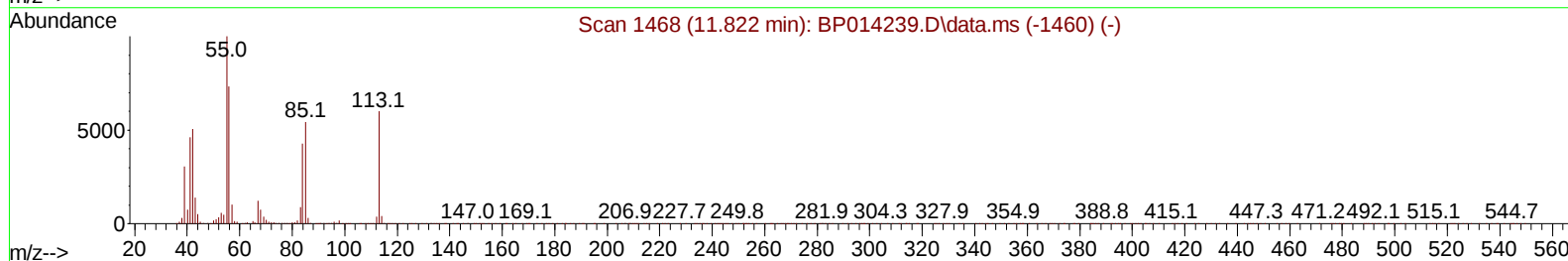
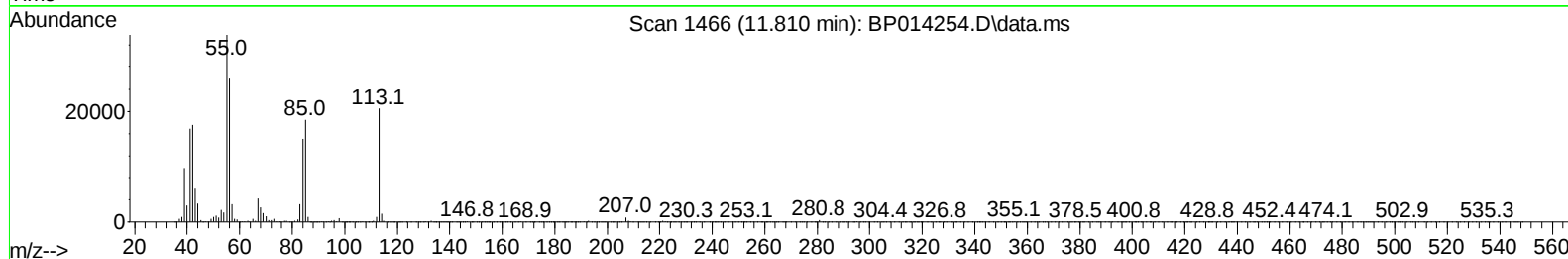
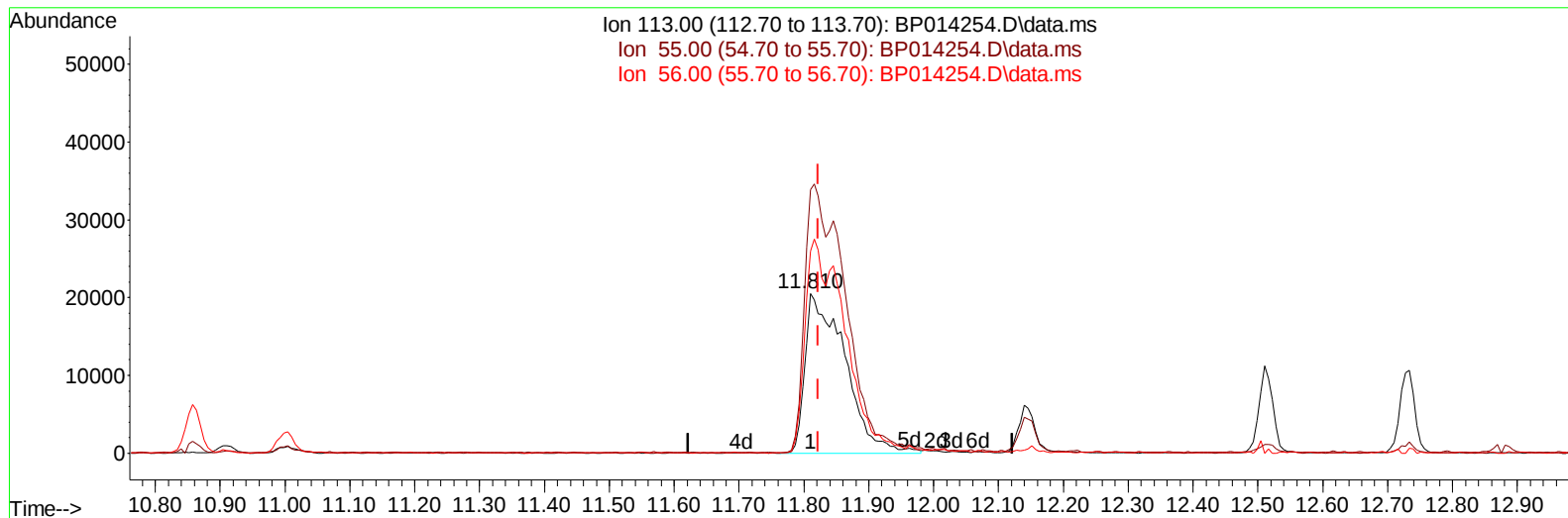
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TIC: BP014254.D\data.ms

(34) Caprolactam

11.810min (-0.012) 20.28 ng/ul m

response 87555

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	165.07
56.00	127.50	126.43
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	8.034	152	165190	20.000	ng/ul	0.00
20) Naphthalene-d8	10.857	136	749998	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.681	164	544751	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	1270843	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.521	240	1297679	20.000	ng/ul	# 0.00
88) Perylene-d12	24.045	264	1343989	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	31966	7.311	ng/uL	0.00
4) Pyridine-d5	3.834	84	229712	18.976	ng/ul	0.00
7) Phenol-d5	7.193	99	302690	20.764	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.357	67	192306	22.620	ng/ul	0.00
11) 2-Chlorophenol-d4	7.563	132	225718	20.323	ng/ul	0.00
15) 4-Methylphenol-d8	8.751	113	260441	21.872	ng/ul	0.00
21) Nitrobenzene-d5	9.210	128	121044	20.227	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	142669	19.916	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	259091	19.222	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	361189	20.249	ng/ul	0.00
46) Dimethylphthalate-d6	14.086	166	906569	19.609	ng/ul	0.00
49) Acenaphthylene-d8	14.375	160	986136	20.136	ng/ul	0.00
54) 4-Nitrophenol-d4	14.886	143	153597	18.853	ng/ul	0.00
60) Fluorene-d10	15.675	176	764008	19.499	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	179987	18.739	ng/ul	0.00
73) Anthracene-d10	17.539	188	1245580	20.190	ng/ul	0.00
81) Pyrene-d10	19.769	212	1501194	20.975	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.880	264	1438869	20.127	ng/ul	0.00
Target Compounds						
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16) Acetophenone	8.869	105	430848	22.398	ng/ul	99
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18) 4-Methylphenol	8.816	108	270044	21.963	ng/ul	97
19) Hexachloroethane	9.122	117	100359	20.478	ng/ul	96
22) Nitrobenzene	9.257	77	332682	20.782	ng/ul	97
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25) 2-Nitrophenol	9.969	139	147338	19.957	ng/ul	95
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37) 1-Methylnaphthalene	12.728	142	591300	20.365	ng/ul	98
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45) 2-Nitroaniline	13.775	65	223753	22.712	ng/ul	95
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50) Acenaphthylene	14.404	152	1046216	20.356	ng/ul	99
51) 3-Nitroaniline	14.598	138	169012	21.099	ng/ul	91
52) Acenaphthene	14.745	153	738630	20.557	ng/ul	99
53) 2,4-Dinitrophenol	14.804	184	132910	19.672	ng/ul	94
55) 4-Nitrophenol	14.904	109	162615	18.478	ng/ul	84
56) Dibenzofuran	15.081	168	1042026	19.935	ng/ul	100
57) 2,4-Dinitrotoluene	15.051	165	270380	20.003	ng/ul	93
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77) Carbazole	17.845	167	1282179	20.683	ng/ul	100
78) Di-n-butylphthalate	18.374	149	1603534	20.697	ng/ul	100
80) Fluoranthene	19.439	202	1740137	21.331	ng/ul#	93
82) Pyrene	19.792	202	1829972	21.504	ng/ul#	94
83) Butylbenzylphthalate	20.651	149	764286	22.273	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.433	252	641110	19.299	ng/ul#	99
85) Benzo(a)anthracene	21.510	228	1829540	20.044	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.404	149	1121325	21.858	ng/ul	99
87) Chrysene	21.563	228	1732617	19.918	ng/ul	100
89) Di-n-octyl phthalate	22.363	149	1916533	22.599	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	1812084	20.234	ng/ul	98
91) Benzo(k)fluoranthene	23.321	252	1799513	21.072	ng/ul	99
93) Benzo(a)pyrene	23.933	252	1568422	20.135	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.698	276	1851106	17.952	ng/ul	97
95) Dibenzo(a,h)anthracene	26.709	278	1549263	18.077	ng/ul	99
96) Benzo(g,h,i)perylene	27.509	276	1447267	17.559	ng/ul	98

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

Instrument :

BNA_P

ClientSampleId :

SSTD020788

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/24/2023
Supervised By :Jagrut Upadhyay 03/24/2023

Instrument :
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Manual Integrations

Reviewed By :Christian Giraldo 03/24/2023
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