

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
 Data File : BP013714.D
 Acq On : 02 Feb 2023 17:46
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020751

Quant Time: Feb 02 18:10:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 02 00:55:26 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/03/2023
 Supervised By : Jagrut Upadhyay 02/03/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	306432	20.000	ng/u1	0.00
20) Naphthalene-d8	10.969	136	1343109	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.775	164	999062	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.528	188	2381600	20.000	ng/u1	0.00
79) Chrysene-d12	21.604	240	2381754	20.000	ng/u1	0.00
88) Perylene-d12	24.186	264	2498912	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.481	96	59527	8.236	ng/uL	0.00
4) Pyridine-d5	3.911	84	441785	21.303	ng/u1	0.00
7) Phenol-d5	7.281	99	554532	20.590	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.452	67	328709	20.810	ng/u1	0.00
11) 2-Chlorophenol-d4	7.663	132	407836	20.658	ng/u1	0.00
15) 4-Methylphenol-d8	8.846	113	452183	21.061	ng/u1	0.00
21) Nitrobenzene-d5	9.310	128	191165	22.311	ng/u1	0.00
24) 2-Nitrophenol-d4	10.040	143	225374	22.571	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.575	165	494546	21.179	ng/u1	0.00
31) 4-Chloroaniline-d4	11.099	131	662230	21.474	ng/u1	0.00
46) Dimethylphthalate-d6	14.175	166	1597974	20.291	ng/u1	0.00
49) Acenaphthylene-d8	14.469	160	1803365	20.726	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	274014	20.643	ng/u1	0.00
60) Fluorene-d10	15.763	176	1420610	20.928	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	270888	20.297	ng/u1	0.00
73) Anthracene-d10	17.628	188	2316823	20.870	ng/u1	0.00
81) Pyrene-d10	19.845	212	2863521	21.556	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.016	264	2611493	20.472	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.517	88	62448	8.291	ng/uL	96
5) Pyridine	3.934	79	440031	21.073	ng/u1	99
6) Benzaldehyde	7.269	77	231232m	21.413	ng/u1	
8) Phenol	7.311	94	572376	20.767	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.546	93	457191	20.643	ng/u1	97
12) 2-Chlorophenol	7.693	128	416382	20.818	ng/u1	99
13) 2-Methylphenol	8.575	108	436447	20.740	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.669	45	550532	20.994	ng/u1	99
16) Acetophenone	8.969	105	728415	21.763	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.952	70	371461	22.155	ng/u1	99
18) 4-Methylphenol	8.905	108	488096	21.356	ng/u1	100
19) Hexachloroethane	9.234	117	164051	20.954	ng/u1	98
22) Nitrobenzene	9.352	77	508562	21.976	ng/u1	99
23) Isophorone	9.881	82	1106797	20.891	ng/u1	99
25) 2-Nitrophenol	10.069	139	248970	22.535	ng/u1	98
26) 2,4-Dimethylphenol	10.122	107	530048	21.234	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.363	93	670636	20.886	ng/u1	98
29) 2,4-Dichlorophenol	10.604	162	483007	21.374	ng/u1	99
30) Naphthalene	11.016	128	1468441	20.686	ng/u1	100
32) 4-Chloroaniline	11.122	127	674308	21.726	ng/u1	98
33) Hexachlorobutadiene	11.299	225	336943	21.141	ng/u1	99
34) Caprolactam	11.899	113	153199	20.050	ng/u1	99
35) 4-Chloro-3-methylphenol	12.228	107	511652	21.139	ng/u1	99
36) 2-Methylnaphthalene	12.610	142	1061473	21.007	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.828	142	1087120	21.302	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.975	216	698817	21.175	ng/u1	98
40) Hexachlorocyclopentadiene	12.951	237	383570	20.672	ng/u1	98
41) 2,4,6-Trichlorophenol	13.210	196	451030	20.631	ng/u1	98
42) 2,4,5-Trichlorophenol	13.281	196	480020	20.148	ng/u1	99
43) 1,1'-Biphenyl	13.610	154	1474696	19.496	ng/u1	99
44) 2-Chloronaphthalene	13.651	162	1173458	19.608	ng/u1	99
45) 2-Nitroaniline	13.851	65	261660	22.969	ng/u1	96
47) Dimethylphthalate	14.222	163	1587297	20.459	ng/u1	99
48) 2,6-Dinitrotoluene	14.345	165	270363	24.452	ng/u1	97
50) Acenaphthylene	14.498	152	1891077	20.611	ng/u1	100
51) 3-Nitroaniline	14.675	138	246437	21.087	ng/u1	99
52) Acenaphthene	14.840	153	1302709	20.661	ng/u1	99
53) 2,4-Dinitrophenol	14.875	184	159071	18.523	ng/u1	98
55) 4-Nitrophenol	14.969	109	207508	20.507	ng/u1	98
56) Dibenzofuran	15.169	168	1918822	20.951	ng/u1	99
57) 2,4-Dinitrotoluene	15.128	165	423814	24.404	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.392	232	472631	21.107	ng/u1	98
59) Diethylphthalate	15.581	149	1534152	20.597	ng/u1	100
61) Fluorene	15.822	166	1557513	20.897	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.810	204	864563	21.291	ng/u1	97
63) 4-Nitroaniline	15.834	138	222352	20.319	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.892	198	276853	20.843	ng/u1	98
67) N-Nitrosodiphenylamine	16.022	169	1355991	21.094	ng/u1	100
68) 4-Bromophenyl-phenylether	16.710	248	561202	20.712	ng/u1	97
69) Hexachlorobenzene	16.828	284	667178	20.988	ng/u1	99
70) Atrazine	16.975	200	540918	20.908	ng/u1	99
71) Pentachlorophenol	17.169	266	409442	20.179	ng/u1	98
72) Phenanthrene	17.569	178	2621291	20.837	ng/u1	100
74) Anthracene	17.663	178	2669586	20.951	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.575	216	663351	19.551	ng/u1	99
76) Pentachlorobenzene	15.087	250	742026	21.332	ng/u1	99
77) Carbazole	17.922	167	2351310	21.271	ng/u1	99
78) Di-n-butylphthalate	18.457	149	2638526	20.202	ng/u1	99
80) Fluoranthene	19.516	202	3317638	21.427	ng/u1	98
82) Pyrene	19.875	202	3454362	21.821	ng/u1	100
83) Butylbenzylphthalate	20.727	149	1049759	23.081	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.510	252	1068093	19.744	ng/u1	98
85) Benzo(a)anthracene	21.592	228	3375655	20.616	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.486	149	1622623	20.809	ng/u1	99
87) Chrysene	21.645	228	3101640	20.120	ng/u1	100
89) Di-n-octyl phthalate	22.474	149	2775989	21.088	ng/u1	100
90) Benzo(b)fluoranthene	23.386	252	3422875	20.983	ng/u1	100
91) Benzo(k)fluoranthene	23.439	252	3299582	21.164	ng/u1	99
93) Benzo(a)pyrene	24.068	252	2907620	20.646	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.898	276	3442120	19.727	ng/u1	99
95) Dibenzo(a,h)anthracene	26.915	278	2865927	19.813	ng/u1	99
96) Benzo(g,h,i)perylene	27.739	276	2668253	19.330	ng/u1	99

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

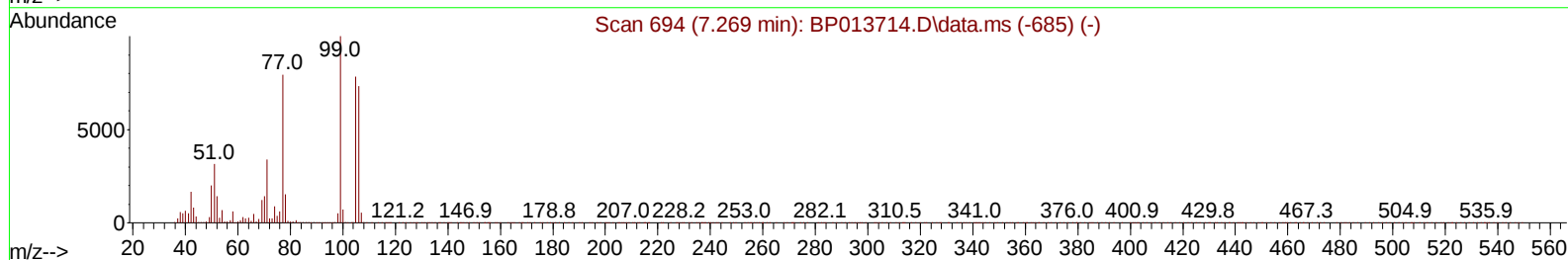
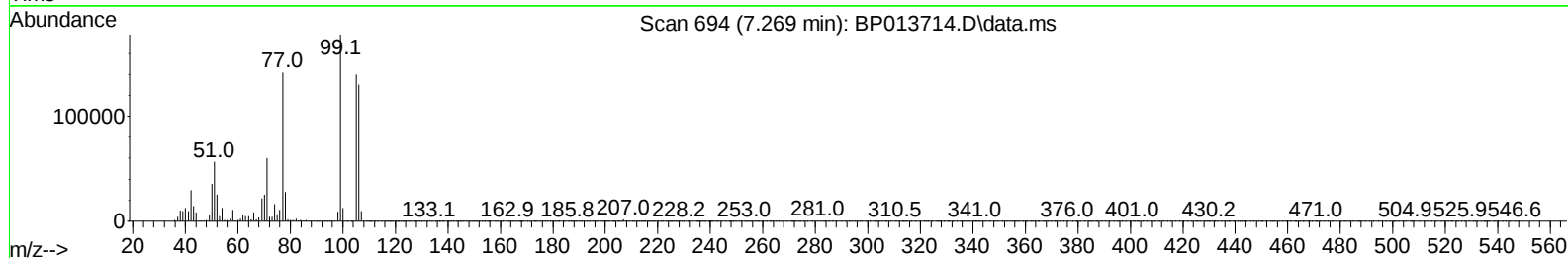
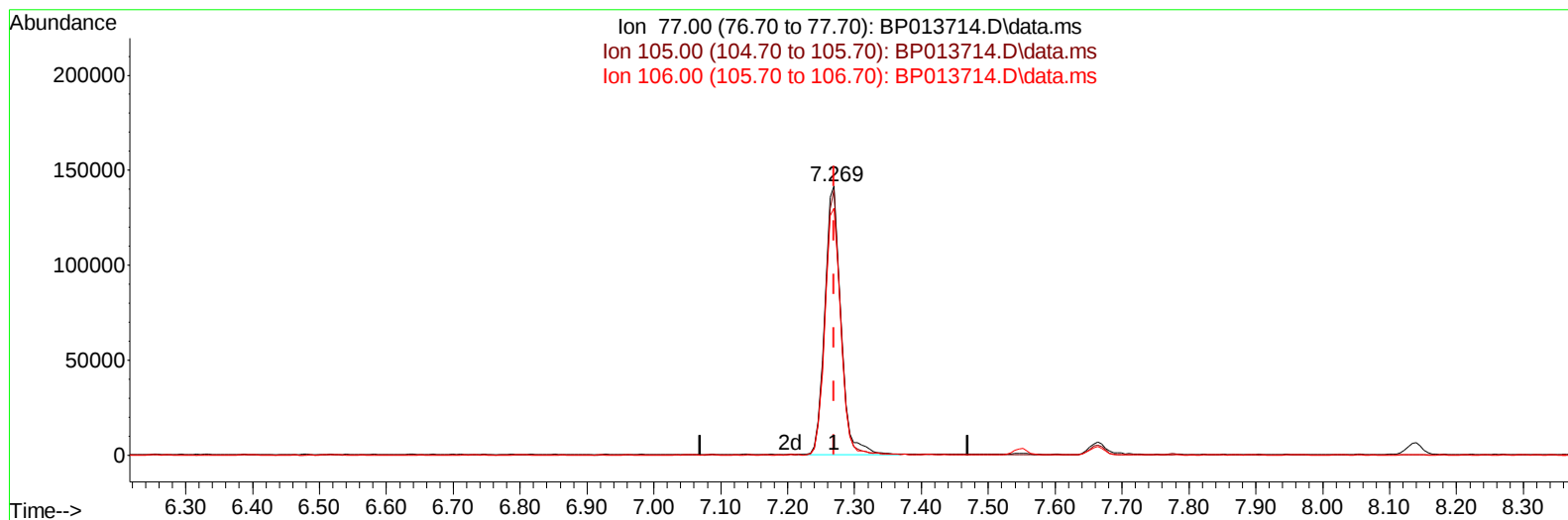
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TIC: BP013714.D\data.ms

(6) Benzaldehyde

7.269min (-0.000) 21.92 ng/u1

response 236752

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	100.80	98.69
106.00	93.70	91.81
0.00	0.00	0.00

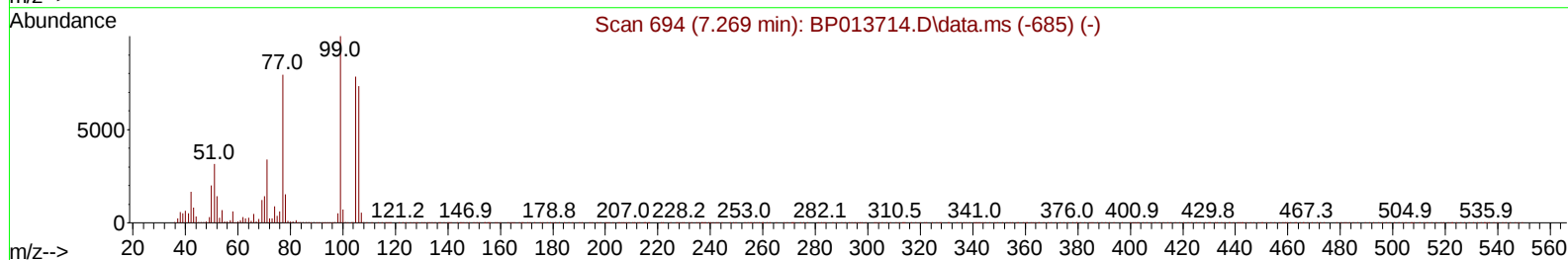
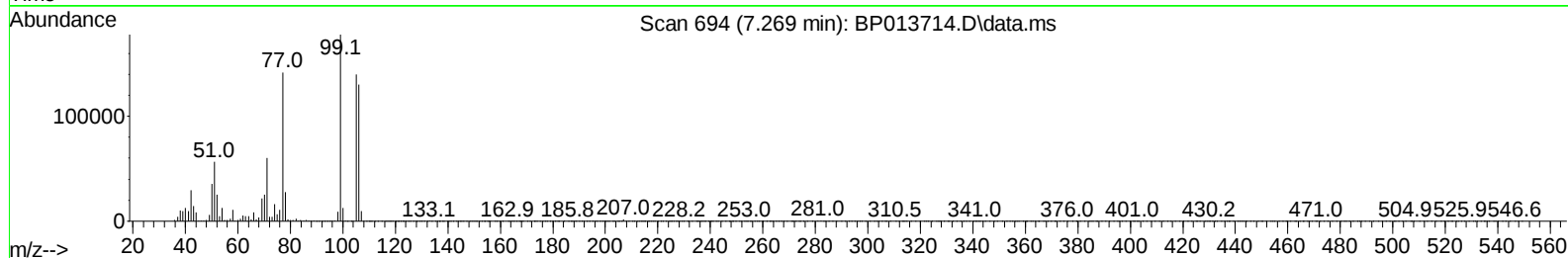
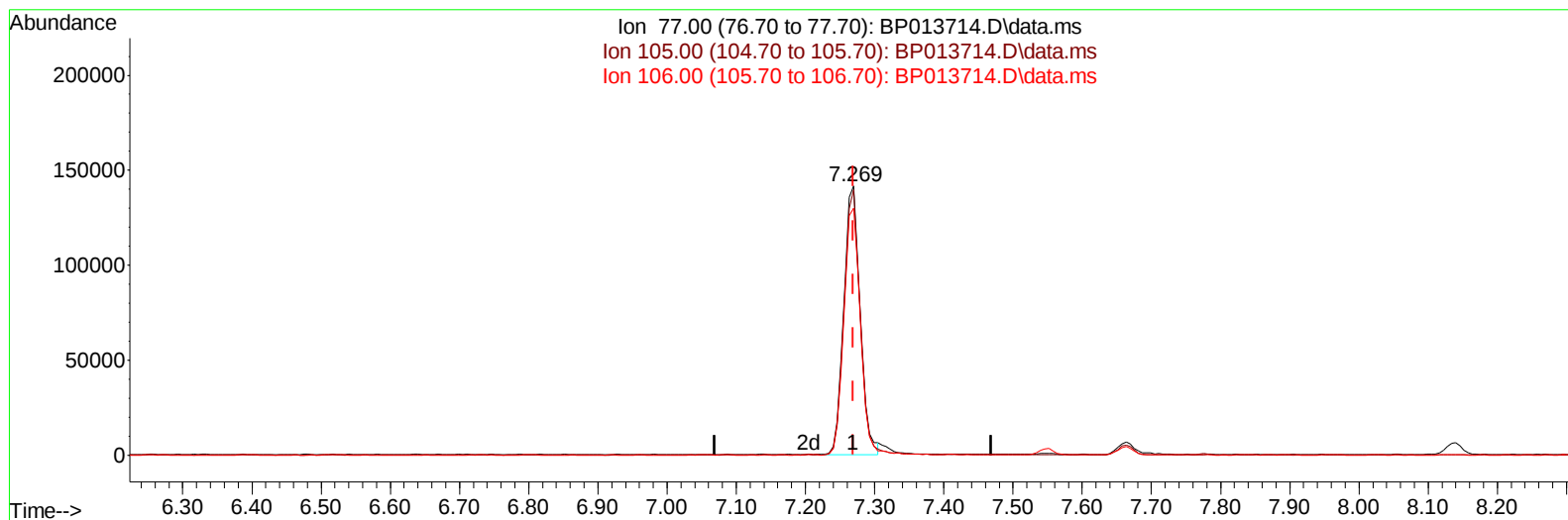
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TIC: BP013714.D\data.ms

(6) Benzaldehyde

7.269min (-0.000) 21.41 ng/ul m

response 231232

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	100.80	98.69
106.00	93.70	91.81
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	8.140	152	306432	20.000	ng/ul	0.00
20) Naphthalene-d8	10.969	136	1343109	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.775	164	999062	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.528	188	2381600	20.000	ng/ul	0.00
79) Chrysene-d12	21.604	240	2381754	20.000	ng/ul	0.00
88) Perylene-d12	24.186	264	2498912	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.481	96	59527	8.236	ng/uL	0.00
4) Pyridine-d5	3.911	84	441785	21.303	ng/ul	0.00
7) Phenol-d5	7.281	99	554532	20.590	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.452	67	328709	20.810	ng/ul	0.00
11) 2-Chlorophenol-d4	7.663	132	407836	20.658	ng/ul	0.00
15) 4-Methylphenol-d8	8.846	113	452183	21.061	ng/ul	0.00
21) Nitrobenzene-d5	9.310	128	191165	22.311	ng/ul	0.00
24) 2-Nitrophenol-d4	10.040	143	225374	22.571	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.575	165	494546	21.179	ng/ul	0.00
31) 4-Chloroaniline-d4	11.099	131	662230	21.474	ng/ul	0.00
46) Dimethylphthalate-d6	14.175	166	1597974	20.291	ng/ul	0.00
49) Acenaphthylene-d8	14.469	160	1803365	20.726	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	274014	20.643	ng/ul	0.00
60) Fluorene-d10	15.763	176	1420610	20.928	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	270888	20.297	ng/ul	0.00
73) Anthracene-d10	17.628	188	2316823	20.870	ng/ul	0.00
81) Pyrene-d10	19.845	212	2863521	21.556	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.016	264	2611493	20.472	ng/ul	0.00
Target Compounds						
						Qvalue
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17) N-Nitroso-di-n-propyla...	8.952	70	371461	22.155	ng/ul	99
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44) 2-Chloronaphthalene	13.651	162	1173458	19.608	ng/ul	99
45) 2-Nitroaniline	13.851	65	261660	22.969	ng/ul	96
47) Dimethylphthalate	14.222	163	1587297	20.459	ng/ul	99
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50) Acenaphthylene	14.498	152	1891077	20.611	ng/ul	100
51) 3-Nitroaniline	14.675	138	246437	21.087	ng/ul	99
52) Acenaphthene	14.840	153	1302709	20.661	ng/ul	99
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55) 4-Nitrophenol	14.969	109	207508	20.507	ng/ul	98
56) Dibenzofuran	15.169	168	1918822	20.951	ng/ul	99
57) 2,4-Dinitrotoluene	15.128	165	423814	24.404	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.392	232	472631	21.107	ng/ul	98
59) Diethylphthalate	15.581	149	1534152	20.597	ng/ul	100
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66) 4,6-Dinitro-2-methylph...	15.892	198	276853	20.843	ng/ul	98
67) N-Nitrosodiphenylamine	16.022	169	1355991	21.094	ng/ul	100
68) 4-Bromophenyl-phenylether	16.710	248	561202	20.712	ng/ul	97
69) Hexachlorobenzene	16.828	284	667178	20.988	ng/ul	99
70) Atrazine	16.975	200	540918	20.908	ng/ul	99
71) Pentachlorophenol	17.169	266	409442	20.179	ng/ul	98
72) Phenanthrene	17.569	178	2621291	20.837	ng/ul	100
74) Anthracene	17.663	178	2669586	20.951	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.575	216	663351	19.551	ng/uL	99
76) Pentachlorobenzene	15.087	250	742026	21.332	ng/uL	99
77) Carbazole	17.922	167	2351310	21.271	ng/ul	99
78) Di-n-butylphthalate	18.457	149	2638526	20.202	ng/ul	99
80) Fluoranthene	19.516	202	3317638	21.427	ng/ul	98
82) Pyrene	19.875	202	3454362	21.821	ng/ul	100
83) Butylbenzylphthalate	20.727	149	1049759	23.081	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.510	252	1068093	19.744	ng/ul	98
85) Benzo(a)anthracene	21.592	228	3375655	20.616	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.486	149	1622623	20.809	ng/ul	99
87) Chrysene	21.645	228	3101640	20.120	ng/ul	100
89) Di-n-octyl phthalate	22.474	149	2775989	21.088	ng/ul	100
90) Benzo(b)fluoranthene	23.386	252	3422875	20.983	ng/ul	100
91) Benzo(k)fluoranthene	23.439	252	3299582	21.164	ng/ul	99
93) Benzo(a)pyrene	24.068	252	2907620	20.646	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.898	276	3442120	19.727	ng/ul	99
95) Dibenzo(a,h)anthracene	26.915	278	2865927	19.813	ng/ul	99
96) Benzo(g,h,i)perylene	27.739	276	2668253	19.330	ng/ul	99

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

Instrument :

BNA_P

ClientSampleId :

SSTD020751

Manual Integrations**APPROVED**

Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023

