Quantitation Report (QT Reviewed)

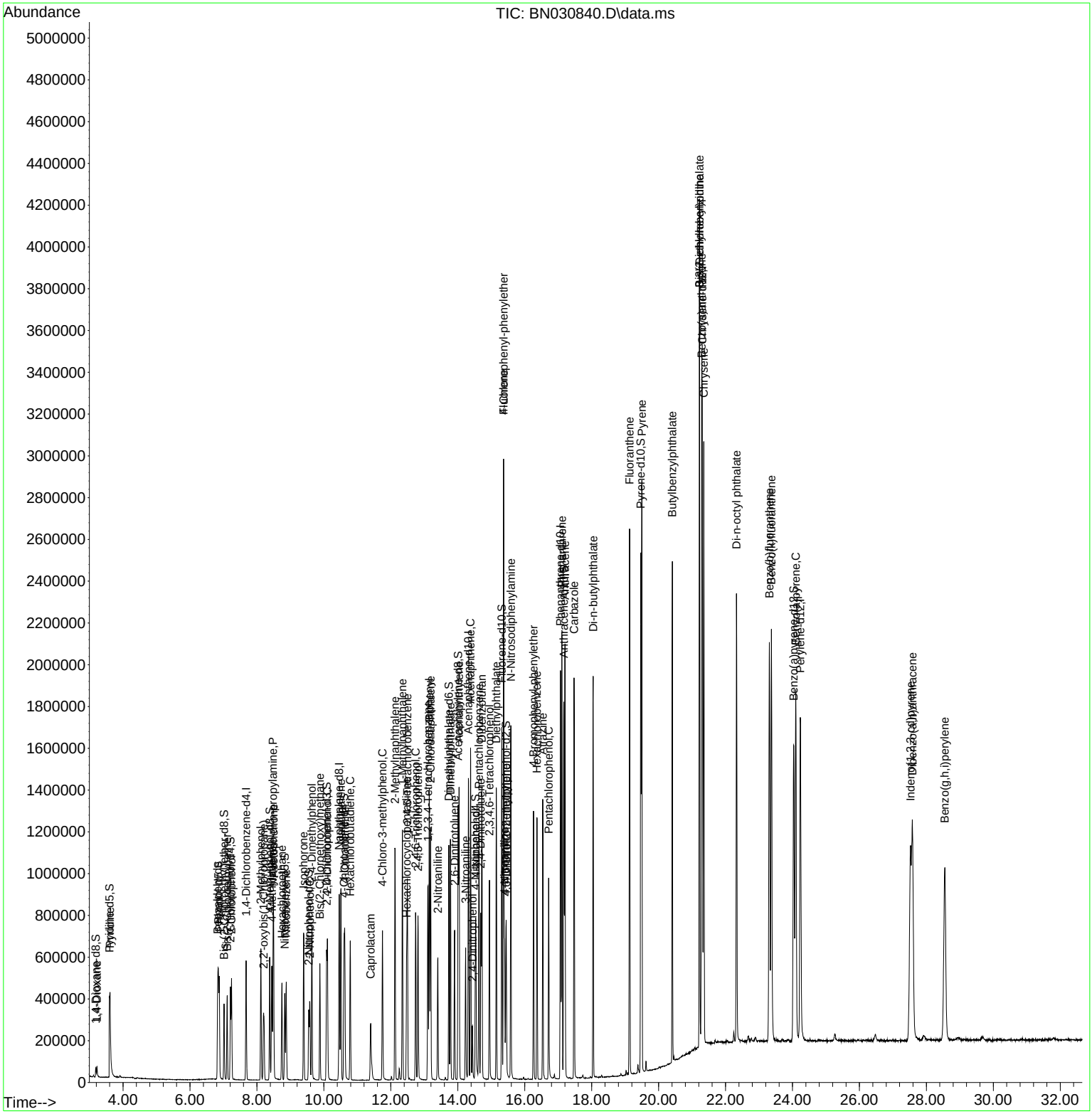
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041024\
Data File : BN030840.D
Acq On : 11 Apr 2024 07:39
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Apr 11 08:08:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 09 12:10:11 2024
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/12/2024
Supervised By :mohammad ahmed 04/12/2024



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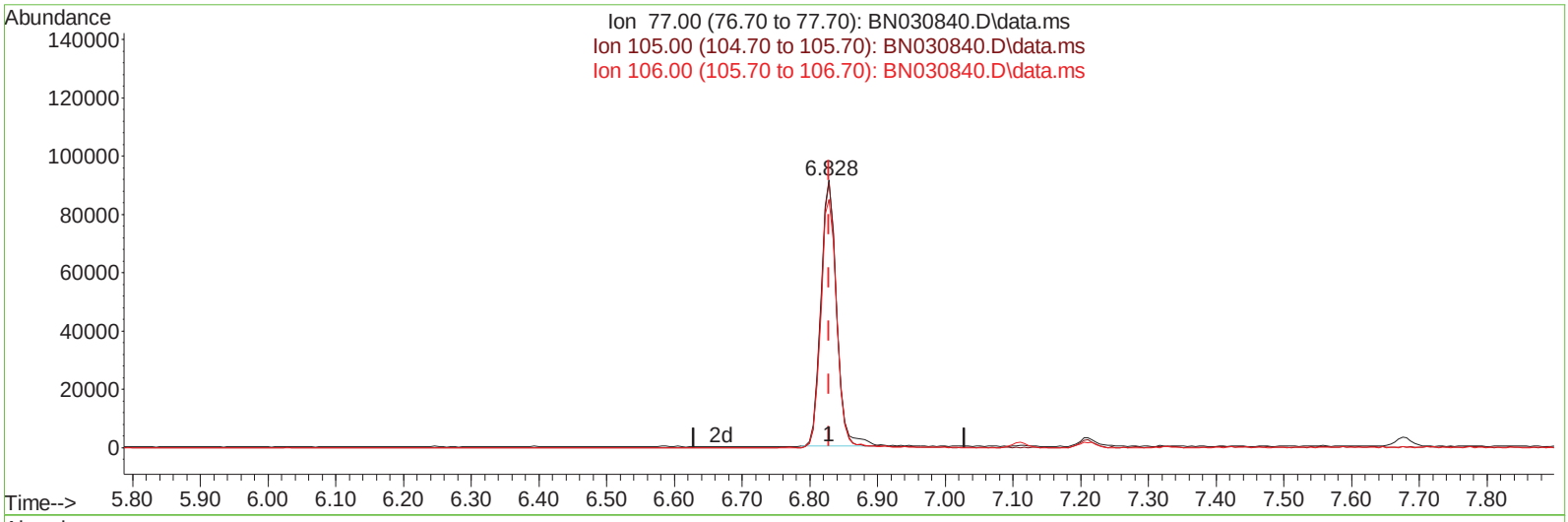

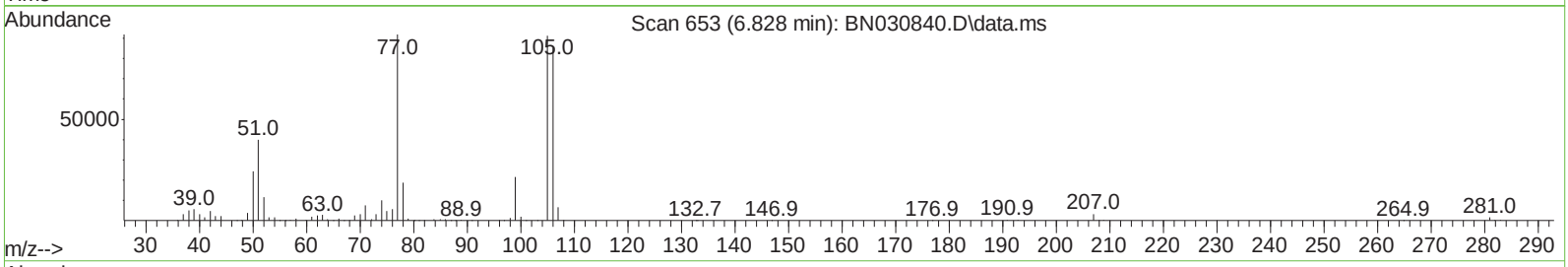

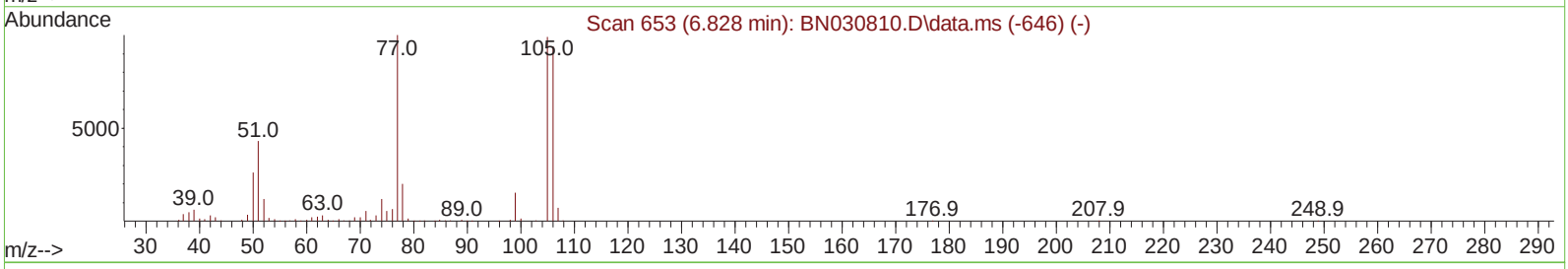

TIC: BN030840.D\data.ms

(6) Benzaldehyde

6.828min (+ 0.000) 25.55 ng/ul

response 148057

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	97.60	99.37
106.00	94.50	92.76
0.00	0.00	0.00

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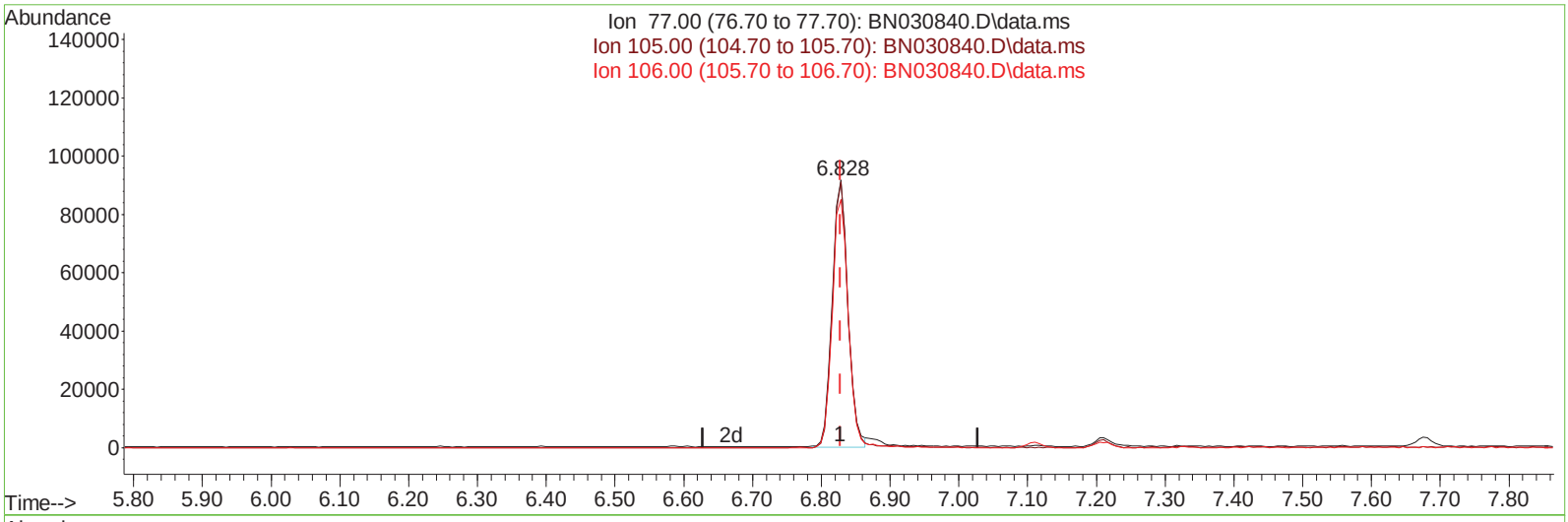

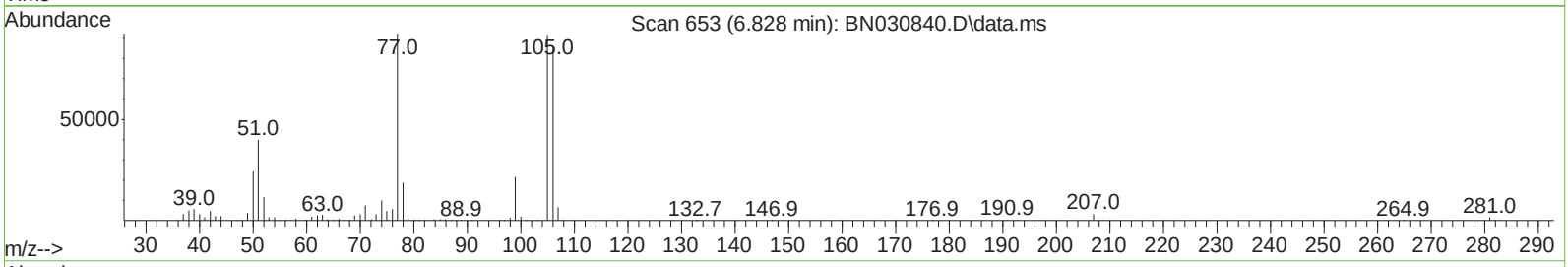

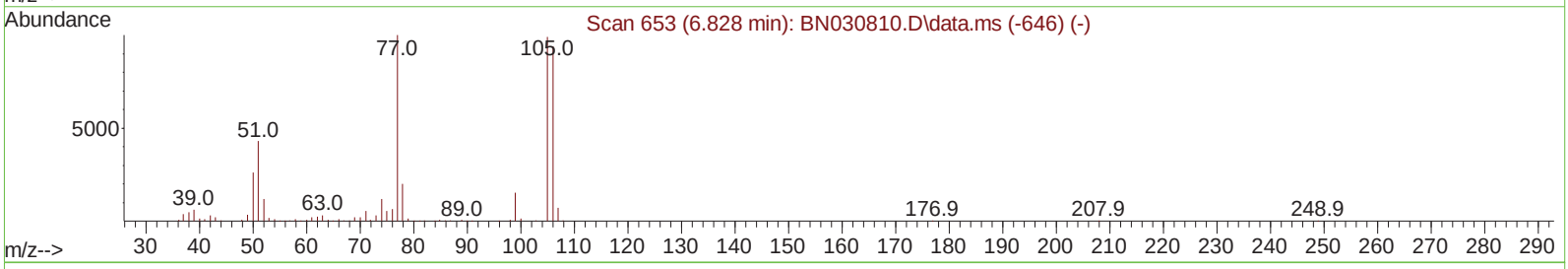

TIC: BN030840.D\data.ms

(6) Benzaldehyde

6.828min (+ 0.000) 25.14 ng/ul m

response 145684

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	97.60	99.37
106.00	94.50	92.76
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	153839	20.000	ng/ul	0.00
20) Naphthalene-d8	10.457	136	716102	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	511783	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	1121235	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1169264	20.000	ng/ul	0.00
88) Perylene-d12	24.233	264	1333028	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	25683	7.827	ng/uL	0.00
4) Pyridine-d5	3.593	84	194353	19.755	ng/ul	0.00
7) Phenol-d5	6.846	99	251360	20.198	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	154802	20.139	ng/ul	0.00
11) 2-Chlorophenol-d4	7.211	132	202856	21.487	ng/ul	0.00
15) 4-Methylphenol-d8	8.381	113	211767	20.304	ng/ul	0.00
21) Nitrobenzene-d5	8.834	128	104070	20.950	ng/ul	0.00
24) 2-Nitrophenol-d4	9.546	143	101915	22.427	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	218689	21.982	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	335557	20.487	ng/ul	0.00
46) Dimethylphthalate-d6	13.734	166	709652	20.769	ng/ul	0.00
49) Acenaphthylene-d8	14.010	160	825472	21.011	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	133947	20.494	ng/ul	0.00
60) Fluorene-d10	15.316	176	637398	21.317	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	94568	19.108	ng/ul	0.00
73) Anthracene-d10	17.169	188	1025447	21.226	ng/ul	0.00
81) Pyrene-d10	19.469	212	1277435	20.320	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.033	264	1306788	21.275	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.223	88	27686	7.877	ng/uL	95
5) Pyridine	3.611	79	202177	20.366	ng/ul	97
6) Benzaldehyde	6.828	77	145684m	25.138	ng/ul	
8) Phenol	6.875	94	265184	20.455	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.111	93	217607	20.583	ng/ul	99
12) 2-Chlorophenol	7.240	128	215973	21.326	ng/ul	97
13) 2-Methylphenol	8.116	108	205115	20.532	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.199	45	286283	19.231	ng/ul	98
16) Acetophenone	8.499	105	345882	21.004	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.481	70	170267	20.529	ng/ul	96
18) 4-Methylphenol	8.446	108	229316	20.504	ng/ul	98
19) Hexachloroethane	8.746	117	87689	20.652	ng/ul	98
22) Nitrobenzene	8.875	77	245946	20.282	ng/ul	99
23) Isophorone	9.393	82	487671	20.165	ng/ul	100
25) 2-Nitrophenol	9.581	139	121226	22.698	ng/ul	97
26) 2,4-Dimethylphenol	9.640	107	244766	20.620	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.881	93	312106	20.298	ng/ul	100
29) 2,4-Dichlorophenol	10.104	162	221440	21.807	ng/ul	99
30) Naphthalene	10.510	128	769552	20.953	ng/ul	99
32) 4-Chloroaniline	10.622	127	332224	21.047	ng/ul	100
33) Hexachlorobutadiene	10.787	225	134659	21.067	ng/ul	98
34) Caprolactam	11.399	113	73999	19.506	ng/ul	93
35) 4-Chloro-3-methylphenol	11.751	107	246580	21.559	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.122	142	538224	20.984	ng/ul	99
37) 1-Methylnaphthalene	12.346	142	544601	20.916	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.493	216	279392	21.154	ng/ul	99
40) Hexachlorocyclopentadiene	12.469	237	130622	17.415	ng/ul	99
41) 2,4,6-Trichlorophenol	12.740	196	176374	21.370	ng/ul	98
42) 2,4,5-Trichlorophenol	12.810	196	198030	21.246	ng/ul	97
43) 1,1'-Biphenyl	13.151	154	713033	20.441	ng/ul	98
44) 2-Chloronaphthalene	13.187	162	576935	21.010	ng/ul	99
45) 2-Nitroaniline	13.404	65	153182	20.961	ng/ul	98
47) Dimethylphthalate	13.781	163	734460	20.808	ng/ul	99
48) 2,6-Dinitrotoluene	13.904	165	139491	21.315	ng/ul	97
50) Acenaphthylene	14.040	152	970117	21.371	ng/ul	98
51) 3-Nitroaniline	14.234	138	155363	22.367	ng/ul	98
52) Acenaphthene	14.381	153	634514	20.976	ng/ul	99
53) 2,4-Dinitrophenol	14.440	184	50361	16.755	ng/ul	96
55) 4-Nitrophenol	14.540	109	107247	20.711	ng/ul	96
56) Dibenzofuran	14.722	168	877173	20.861	ng/ul	99
57) 2,4-Dinitrotoluene	14.687	165	214114	22.410	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.945	232	172474	22.281	ng/ul	97
59) Diethylphthalate	15.151	149	753322	21.008	ng/ul	99
61) Fluorene	15.369	166	720986	21.572	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.369	204	352028	21.468	ng/ul	98
63) 4-Nitroaniline	15.398	138	177588	26.298	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.451	198	106018	19.937	ng/ul	100
67) N-Nitrosodiphenylamine	15.587	169	623451	20.417	ng/ul	100
68) 4-Bromophenyl-phenylether	16.263	248	226551	21.278	ng/ul	93
69) Hexachlorobenzene	16.363	284	249566	19.906	ng/ul	95
70) Atrazine	16.539	200	221538	20.932	ng/ul	98
71) Pentachlorophenol	16.716	266	152275	20.600	ng/ul	96
72) Phenanthrene	17.110	178	1228028	21.318	ng/ul	100
74) Anthracene	17.204	178	1262906	21.686	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.110	216	276569	20.078	ng/uL	97
76) Pentachlorobenzene	14.634	250	277521	19.835	ng/uL#	84
77) Carbazole	17.475	167	1187827	23.259	ng/ul	100
78) Di-n-butylphthalate	18.045	149	1388964	22.294	ng/ul	100
80) Fluoranthene	19.133	202	1523076	20.381	ng/ul	99
82) Pyrene	19.498	202	1616552	20.483	ng/ul	99
83) Butylbenzylphthalate	20.410	149	672489	22.312	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.222	252	474488	22.085	ng/ul	97
85) Benzo(a)anthracene	21.286	228	1692028	21.683	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.222	149	996570	22.421	ng/ul	98
87) Chrysene	21.351	228	1557568	21.147	ng/ul	99
89) Di-n-octyl phthalate	22.327	149	1720880	20.385	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	1635192	20.844	ng/ul	98
91) Benzo(k)fluoranthene	23.368	252	1663231	20.876	ng/ul	100
93) Benzo(a)pyrene	24.098	252	1518790	20.494	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.527	276	1649673	20.593	ng/ul	98
95) Dibenzo(a,h)anthracene	27.580	278	1397323	20.720	ng/ul	97
96) Benzo(g,h,i)perylene	28.551	276	1317822	20.954	ng/ul	98

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