Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012221\
Data File : BP004614.D
Acq On : 22 Jan 2021 16:31
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 22 17:03:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP012221.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 22 16:21:28 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SICV008

Manual Integrations APPROVED
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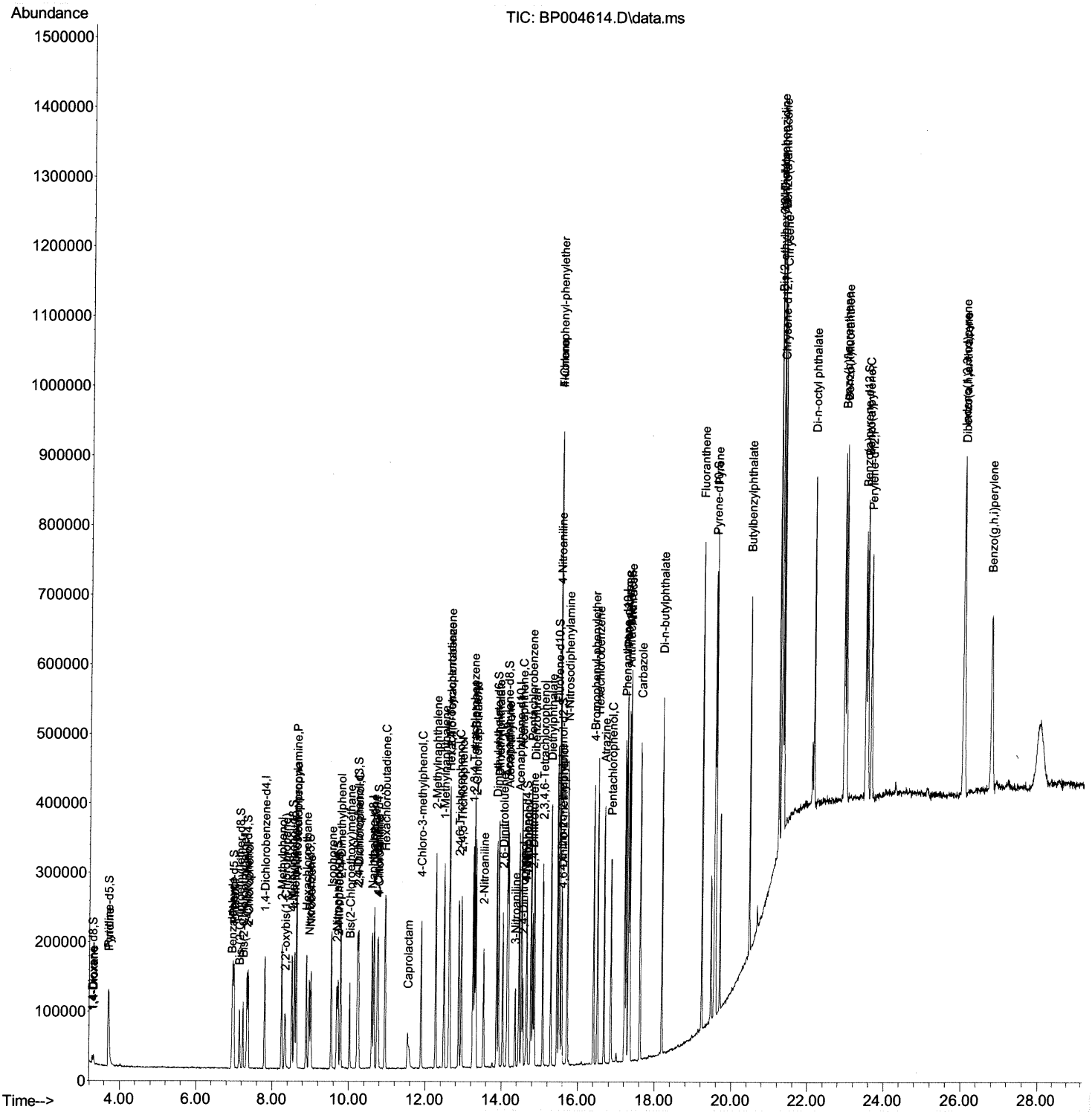
1/25/2021 11:29:46 AM



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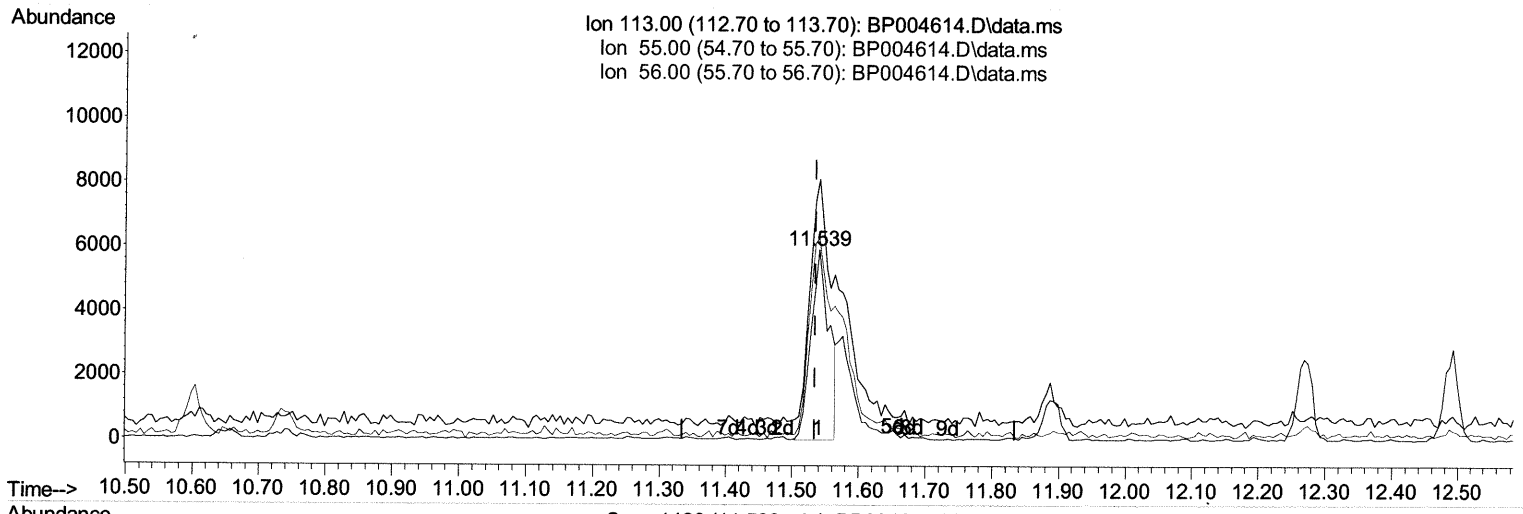

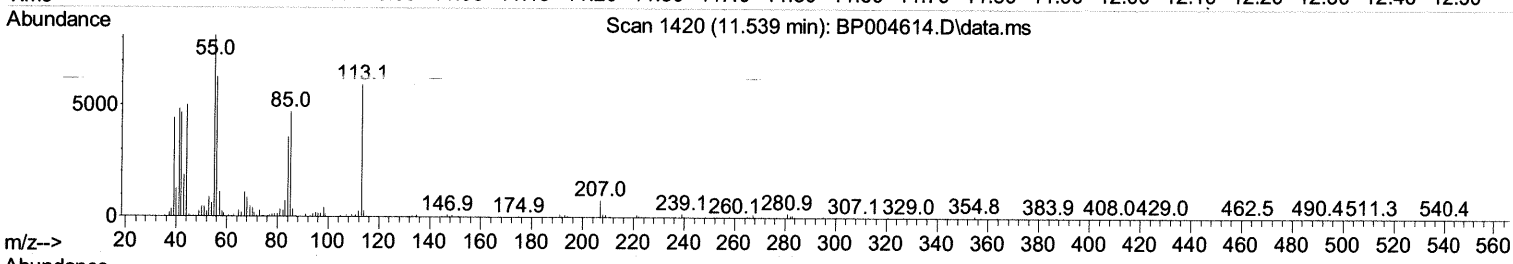

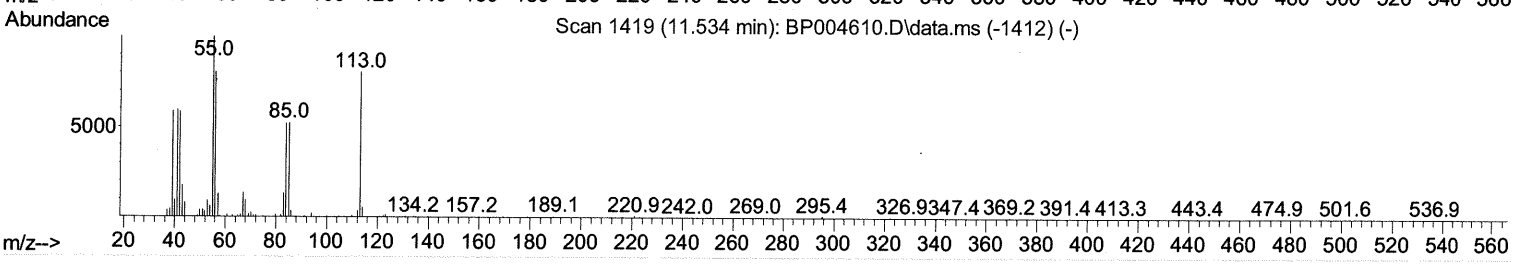

TIC: BP004614.D\data.ms

(34) Caprolactam

11.539min (+ 0.006) 13.82 ng/ul

response 11133

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	140.10	137.20
56.00	102.40	106.14
0.00	0.00	0.00

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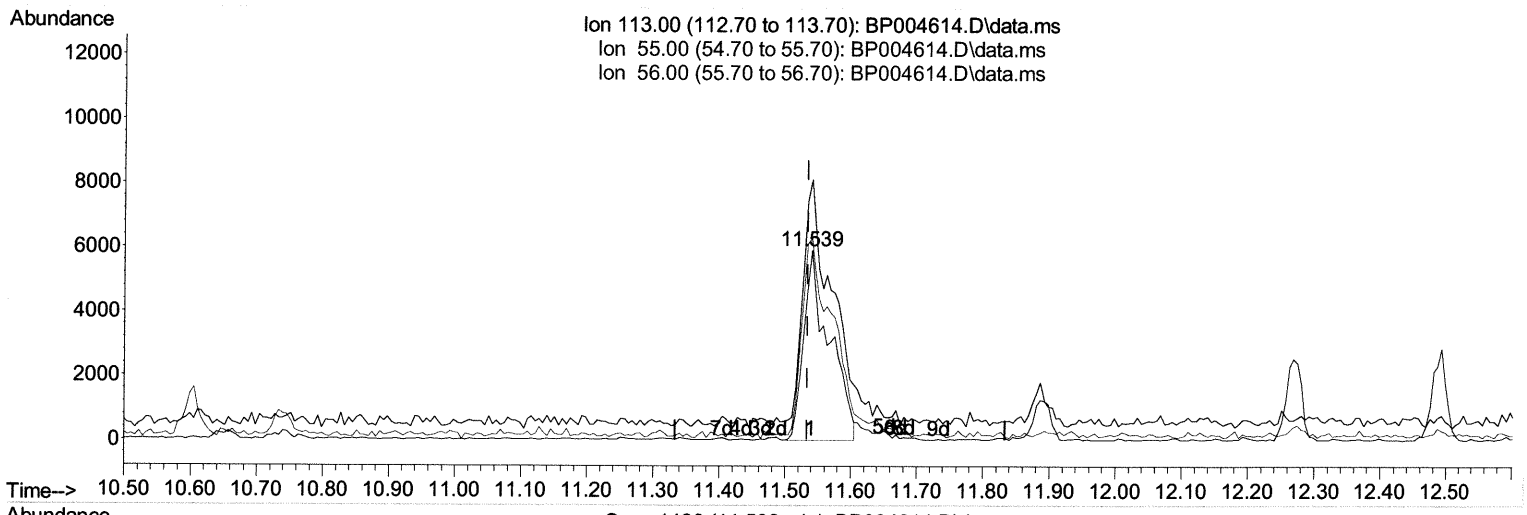

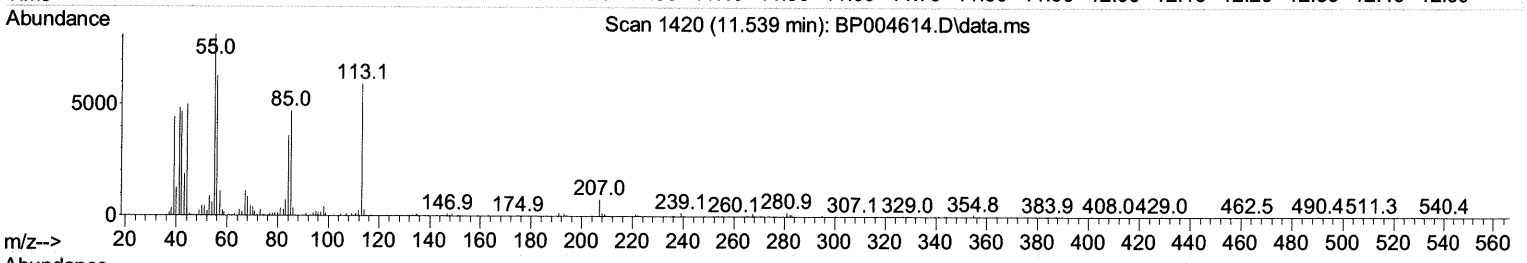

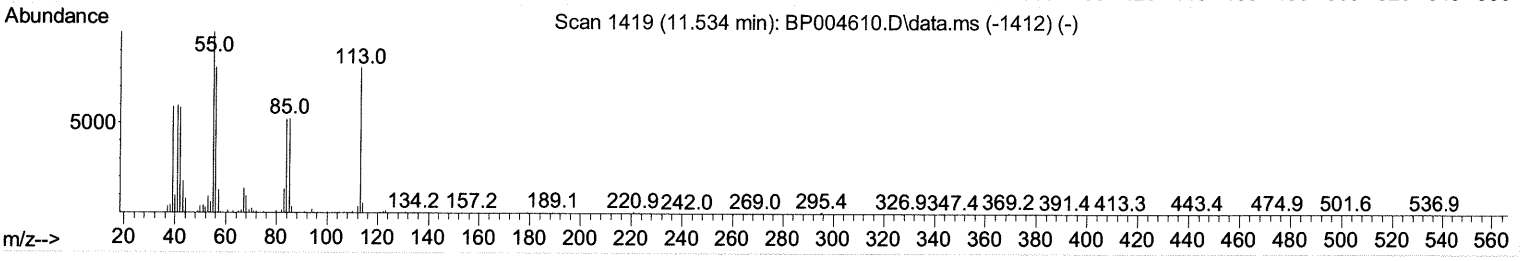

TIC: BP004614.D\data.ms

(34) Caprolactam

11.539min (+ 0.006) 19.94 ng/ul m 02/08/21 JV

response 16069

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	140.10	137.20
56.00	102.40	106.14
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	7.804	152	38764	20.00	ng/ul	0.00
20) Naphthalene-d8	10.604	136	141135	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	115147	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.210	188	274013	20.00	ng/ul	0.00
79) Chrysene-d12	21.298	240	276308	20.00	ng/ul	0.00
88) Perylene-d12	23.627	264	267047	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	6701	8.37	ng/uL	0.00
4) Pyridine-d5	3.699	84	45308	20.95	ng/ul	0.00
7) Phenol-d5	6.969	99	61971	20.49	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	35233	21.11	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	46740	20.21	ng/ul	0.00
15) 4-Methylphenol-d8	8.510	113	50186	20.17	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	23128	20.73	ng/ul	0.00
24) 2-Nitrophenol-d4	9.687	143	30283	20.80	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.222	165	63011	20.29	ng/ul	0.00
31) 4-Chloroaniline-d4	10.739	131	68233	20.59	ng/ul	0.00
46) Dimethylphthalate-d6	13.869	166	198786	20.30	ng/ul	0.00
49) Acenaphthylene-d8	14.145	160	227557	20.36	ng/ul	0.00
54) 4-Nitrophenol-d4	14.645	143	29933	20.01	ng/ul	0.00
60) Fluorene-d10	15.451	176	178989	20.68	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	39755	20.02	ng/ul	0.00
73) Anthracene-d10	17.310	188	287441	20.87	ng/ul	0.00
81) Pyrene-d10	19.545	212	328898	20.99	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.480	264	315740	21.23	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	7062	8.45	ng/uL	91
5) Pyridine	3.716	79	47428	21.72	ng/ul	92
6) Benzaldehyde	6.946	77	30904	21.54	ng/ul	98
8) Phenol	6.998	94	63655	20.71	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.234	93	47900	20.53	ng/ul	98
12) 2-Chlorophenol	7.369	128	47606	20.70	ng/ul	97
13) 2-Methylphenol	8.245	108	48522	20.05	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.340	45	48585	20.64	ng/ul	97
16) Acetophenone	8.628	105	82887	20.25	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.616	70	44220	20.34	ng/ul	97
18) 4-Methylphenol	8.575	108	51902	19.88	ng/ul	92
19) Hexachloroethane	8.887	117	23415	19.82	ng/ul	92
22) Nitrobenzene	9.004	77	69397	20.69	ng/ul	100
23) Isophorone	9.540	82	125595	20.55	ng/ul	99
25) 2-Nitrophenol	9.716	139	29710	20.76	ng/ul	98
26) 2,4-Dimethylphenol	9.781	107	66244	20.81	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.022	93	65981	21.15	ng/ul	96
29) 2,4-Dichlorophenol	10.245	162	61019	20.81	ng/ul	96
30) Naphthalene	10.651	128	161474	20.73	ng/ul	99
32) 4-Chloroaniline	10.763	127	67712	20.89	ng/ul	98
33) Hexachlorobutadiene	10.939	225	53652	20.78	ng/ul	95
34) Caprolactam	11.539	113	16069m >	19.94	ng/ul>	02/08/21 JU
35) 4-Chloro-3-methylphenol	11.886	107	59510	20.64	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.269	142	129474	20.82	ng/ul	95
37) 1-Methylnaphthalene	12.486	142	124572	20.90	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.633	216	94400	20.50	ng/ul	97
40) Hexachlorocyclopentadiene	12.622	237	70132	19.83	ng/ul	97
41) 2,4,6-Trichlorophenol	12.875	196	59393	20.87	ng/ul	96
42) 2,4,5-Trichlorophenol	12.945	196	63251	21.22	ng/ul	98
43) 1,1'-Biphenyl	13.286	154	186339	20.75	ng/ul	100
44) 2-Chloronaphthalene	13.322	162	153839	20.67	ng/ul	97
45) 2-Nitroaniline	13.528	65	42117	20.62	ng/ul	92
47) Dimethylphthalate	13.916	163	200177	20.43	ng/ul	100
48) 2,6-Dinitrotoluene	14.028	165	40608	20.36	ng/ul	98
50) Acenaphthylene	14.175	152	217984	20.58	ng/ul	98
51) 3-Nitroaniline	14.357	138	20809	15.76	ng/ul	99
52) Acenaphthene	14.516	153	154733	20.44	ng/ul	99
53) 2,4-Dinitrophenol	14.557	184	26904	19.89	ng/ul	93
55) 4-Nitrophenol	14.663	109	37536	20.14	ng/ul	99
56) Dibenzofuran	14.857	168	234906	20.51	ng/ul	96
57) 2,4-Dinitrotoluene	14.816	165	57929	20.69	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.080	232	60918	20.48	ng/ul	97
59) Diethylphthalate	15.286	149	195382	20.50	ng/ul	99
61) Fluorene	15.510	166	201045	20.85	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.510	204	116953	20.58	ng/ul	98
63) 4-Nitroaniline	15.516	138	21397	16.48	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.580	198	40915	19.63	ng/ul	98
67) N-Nitrosodiphenylamine	15.722	169	168732	20.51	ng/ul	96
68) 4-Bromophenyl-phenylether	16.404	248	78194	20.40	ng/ul	100
69) Hexachlorobenzene	16.510	284	87587	20.41	ng/ul	97
70) Atrazine	16.680	200	77222	20.37	ng/ul	97
71) Pentachlorophenol	16.857	266	55322	20.07	ng/ul	99
72) Phenanthrene	17.251	178	326853	20.63	ng/ul	98
74) Anthracene	17.345	178	333487	20.57	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.245	216	95989	21.31	ng/uL	99
76) Pentachlorobenzene	14.769	250	100744	20.41	ng/uL	97
77) Carbazole	17.616	167	272327	20.30	ng/ul	99
78) Di-n-butylphthalate	18.180	149	324192	20.25	ng/ul	99
80) Fluoranthene	19.221	202	417761	20.92	ng/ul	100
82) Pyrene	19.574	202	414030	20.56	ng/ul	99
83) Butylbenzylphthalate	20.457	149	135997	20.55	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.215	252	135704	19.64	ng/ul	99
85) Benzo(a)anthracene	21.280	228	387455	20.55	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	191019	20.09	ng/ul	99
87) Chrysene	21.333	228	372660	20.79	ng/ul	99
89) Di-n-octyl phthalate	22.127	149	305725	20.33	ng/ul	100
90) Benzo(b)fluoranthene	22.921	252	389054	21.67	ng/ul	99
91) Benzo(k)fluoranthene	22.968	252	367272	20.82	ng/ul	99
93) Benzo(a)pyrene	23.527	252	350540	21.51	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.033	276	439659	20.77	ng/ul	99
95) Dibenzo(a,h)anthracene	26.050	278	374373	20.76	ng/ul	98
96) Benzo(g,h,i)perylene	26.762	276	368058	21.02	ng/ul	96

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