Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102121\
Data File : BP007602.D
Acq On : 22 Oct 2021 22:36
Operator : CG/JU
Sample : PB140106BS
Misc :
ALS Vial : 62 Sample Multiplier: 1

Quant Time: Oct 23 00:29:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 20 10:49:33 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS106

Manual Integrations APPROVED
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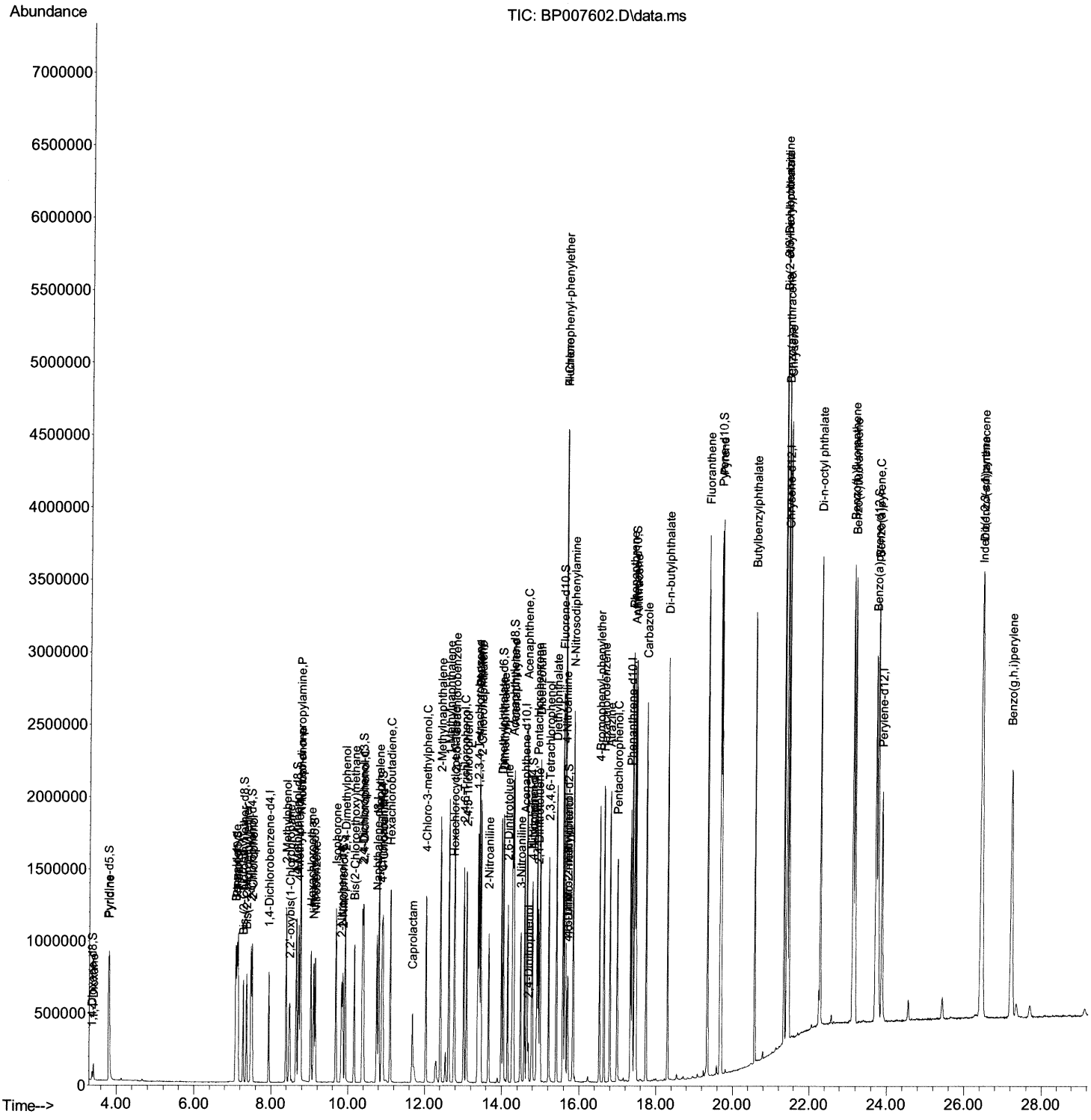

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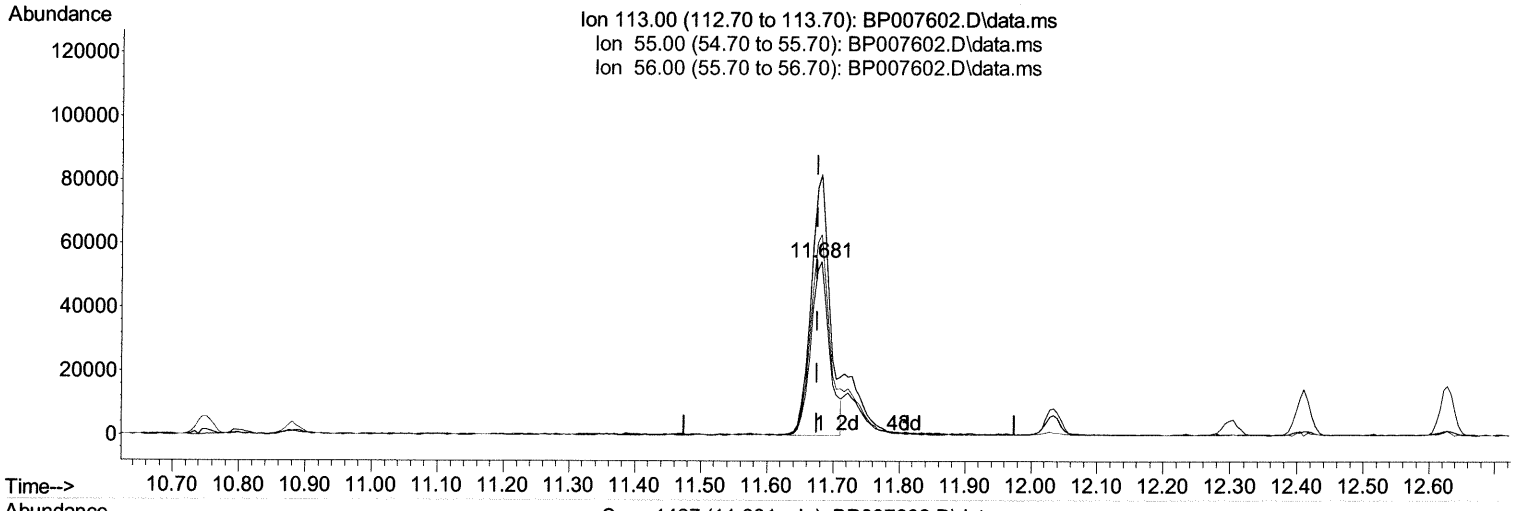

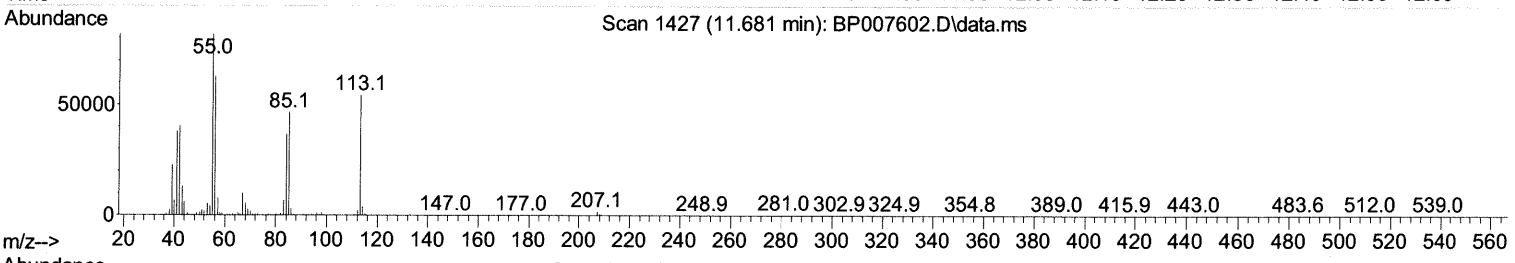

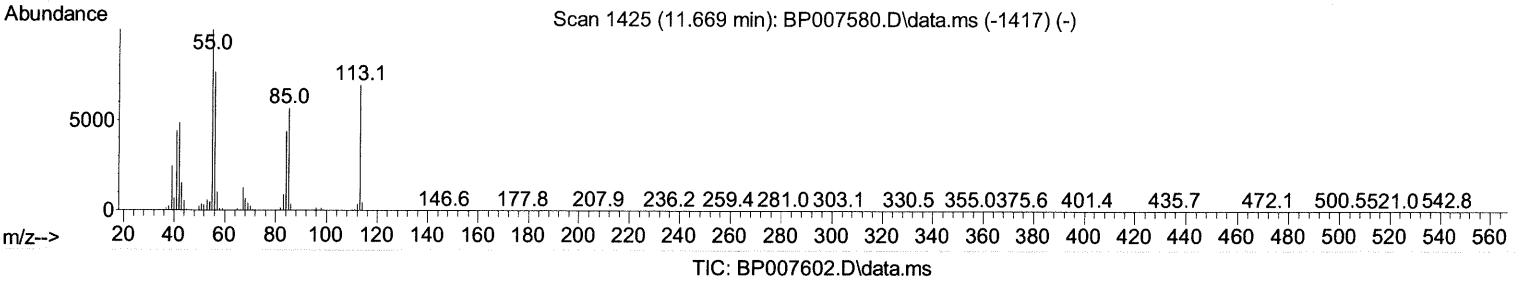

TIC: BP007602.D\data.ms

(34) Caprolactam

11.681min (+ 0.006) 33.40 ng/ul

response 105650

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	150.38
56.00	120.30	115.86
0.00	0.00	0.00

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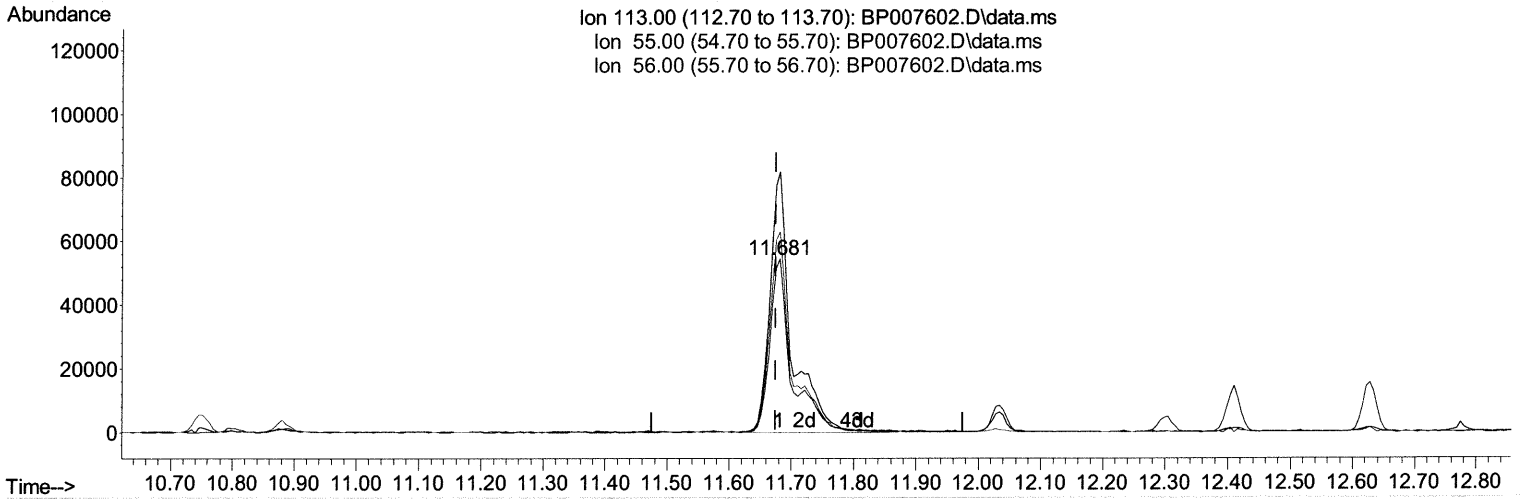

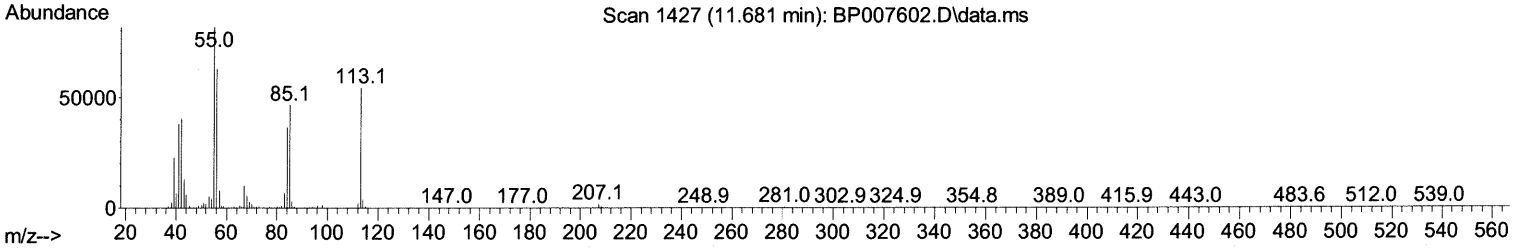

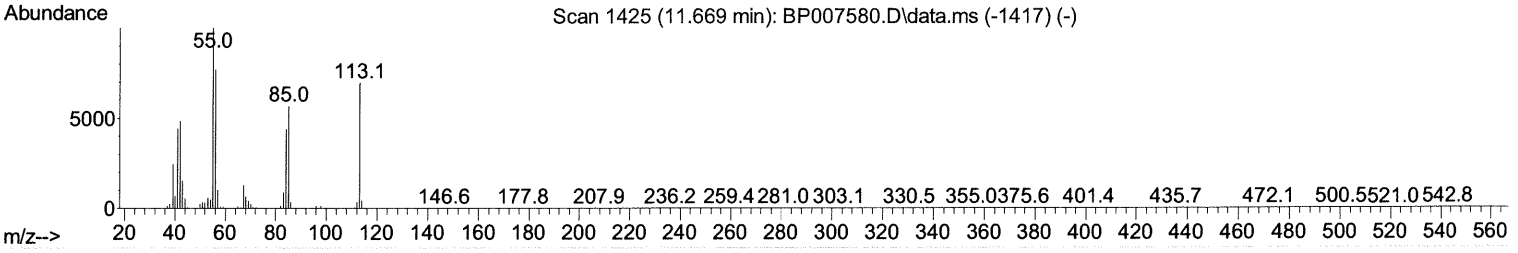

TIC: BP007602.D\data.ms

(34) Caprolactam

11.681min (+ 0.006) 42.39 ng/ul m 10/26/21 JU

response 134098

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	150.38
56.00	120.30	115.86
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	7.946	152	212152	20.000	ng/ul	0.00
20) Naphthalene-d8	10.752	136	851025	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.581	164	544296	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.334	188	1160225	20.000	ng/ul	0.00
79) Chrysene-d12	21.422	240	1174235	20.000	ng/ul	0.00
88) Perylene-d12	23.868	264	1253544	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	28460	5.298	ng/uL	0.00
4) Pyridine-d5	3.787	84	408397	27.775	ng/ul	0.00
7) Phenol-d5	7.111	99	543497	32.804	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	300191	30.378	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	436918	33.522	ng/ul	0.00
15) 4-Methylphenol-d8	8.657	113	434952	34.082	ng/ul	0.00
21) Nitrobenzene-d5	9.105	128	207367	38.503	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	229460	45.613	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	445923	36.342	ng/ul	0.00
31) 4-Chloroaniline-d4	10.881	131	520251	31.354	ng/ul	0.00
46) Dimethylphthalate-d6	13.993	166	1248562	33.157	ng/ul	0.00
49) Acenaphthylene-d8	14.275	160	1518413	32.085	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	229461	37.976	ng/ul	0.00
60) Fluorene-d10	15.575	176	1061382	33.681	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	121849	26.210	ng/ul	0.00
73) Anthracene-d10	17.433	188	1618162	32.841	ng/ul	0.00
81) Pyrene-d10	19.669	212	1984063	33.799	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.710	264	2035688	32.637	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	58680	10.043	ng/uL	89
5) Pyridine	3.811	79	411934	28.966	ng/ul	100
6) Benzaldehyde	7.081	77	318498	34.214	ng/ul	96
8) Phenol	7.134	94	541810	31.985	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.363	93	415945	30.426	ng/ul	98
12) 2-Chlorophenol	7.510	128	429385	32.089	ng/ul	97
13) 2-Methylphenol	8.387	108	409208	32.070	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.481	45	482934	27.721	ng/ul	98
16) Acetophenone	8.769	105	611143	31.305	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.757	70	299495	29.653	ng/ul	96
18) 4-Methylphenol	8.716	108	438343	32.253	ng/ul	99
19) Hexachloroethane	9.034	117	170315	30.400	ng/ul	91
22) Nitrobenzene	9.146	77	463608	33.527	ng/ul	97
23) Isophorone	9.681	82	857263	29.613	ng/ul	95
25) 2-Nitrophenol	9.857	139	239548	41.080	ng/ul	95
26) 2,4-Dimethylphenol	9.922	107	462424	31.060	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.163	93	548403	30.573	ng/ul	99
29) 2,4-Dichlorophenol	10.399	162	430086	35.662	ng/ul	97
30) Naphthalene	10.799	128	1285450	31.058	ng/ul	100
32) 4-Chloroaniline	10.904	127	520364	30.993	ng/ul	99
33) Hexachlorobutadiene	11.099	225	297072	35.085	ng/ul	99
34) Caprolactam	11.681	113	134098m	42.388	ng/ul	10/26/21 JU
35) 4-Chloro-3-methylphenol	12.034	107	450692	34.401	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.410	142	898176	31.752	ng/ul	100
37) 1-Methylnaphthalene	12.628	142	897297	31.335	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.781	216	537111	34.139	ng/ul#	97
40) Hexachlorocyclopentadiene	12.763	237	190782	19.231	ng/ul	98
41) 2,4,6-Trichlorophenol	13.016	196	358134	38.711	ng/ul	98
42) 2,4,5-Trichlorophenol	13.087	196	391544	40.652	ng/ul	98
43) 1,1'-Biphenyl	13.416	154	1206135	31.090	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	938069	31.394	ng/ul	99
45) 2-Nitroaniline	13.657	65	266524	38.365	ng/ul	94
47) Dimethylphthalate	14.040	163	1188703	31.781	ng/ul	100
48) 2,6-Dinitrotoluene	14.151	165	248687	40.095	ng/ul	94
50) Acenaphthylene	14.304	152	1494366	31.319	ng/ul	100
51) 3-Nitroaniline	14.481	138	255112	36.913	ng/ul#	93
52) Acenaphthene	14.645	153	962079	31.138	ng/ul	99
53) 2,4-Dinitrophenol	14.681	184	60270	21.035	ng/ul	98
55) 4-Nitrophenol	14.787	109	190396	34.879	ng/ul	91
56) Dibenzofuran	14.981	168	1417455	31.595	ng/ul	99
57) 2,4-Dinitrotoluene	14.940	165	353197	40.542	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.210	232	321727	40.253	ng/ul	95
59) Diethylphthalate	15.410	149	1176588	31.549	ng/ul	98
61) Fluorene	15.634	166	1088237	32.015	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.628	204	574948	33.220	ng/ul	99
63) 4-Nitroaniline	15.645	138	249027	40.645	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.704	198	118764	24.696	ng/ul	98
67) N-Nitrosodiphenylamine	15.839	169	974065	31.184	ng/ul	98
68) 4-Bromophenyl-phenylether	16.522	248	379744	36.334	ng/ul	96
69) Hexachlorobenzene	16.645	284	430515	34.244	ng/ul	94
70) Atrazine	16.798	200	380970	32.217	ng/ul	97
71) Pentachlorophenol	16.986	266	271955	39.078	ng/ul	99
72) Phenanthrene	17.381	178	1837379	31.678	ng/ul	100
74) Anthracene	17.469	178	1788319	30.827	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.381	216	540339	32.109	ng/uL	99
76) Pentachlorobenzene	14.904	250	512856	32.693	ng/uL	98
77) Carbazole	17.739	167	1665702	32.688	ng/ul	99
78) Di-n-butylphthalate	18.298	149	2013201	32.160	ng/ul	100
80) Fluoranthene	19.345	202	2306578	31.668	ng/ul	97
82) Pyrene	19.692	202	2288609	31.159	ng/ul	99
83) Butylbenzylphthalate	20.569	149	956044	35.453	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.333	252	675220	30.223	ng/ul	99
85) Benzo(a)anthracene	21.404	228	2349648	32.568	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.339	149	1351900	32.791	ng/ul	99
87) Chrysene	21.463	228	2230665	31.916	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	2416745	34.167	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	2470206	32.377	ng/ul	99
91) Benzo(k)fluoranthene	23.174	252	2330027	32.753	ng/ul	98
93) Benzo(a)pyrene	23.763	252	2387424	32.713	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.427	276	2840567	33.598	ng/ul	98
95) Dibenzo(a,h)anthracene	26.445	278	2412019	33.504	ng/ul	98
96) Benzo(g,h,i)perylene	27.209	276	2432592	33.409	ng/ul	97

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