Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102121\
Data File : BP007622.D
Acq On : 23 Oct 2021 10:27
Operator : CG/JU
Sample : PB140073BS
Misc :
ALS Vial : 82 Sample Multiplier: 1

Quant Time: Oct 25 01:01:16 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 :
SLCS073

Manual Integrations APPROVED
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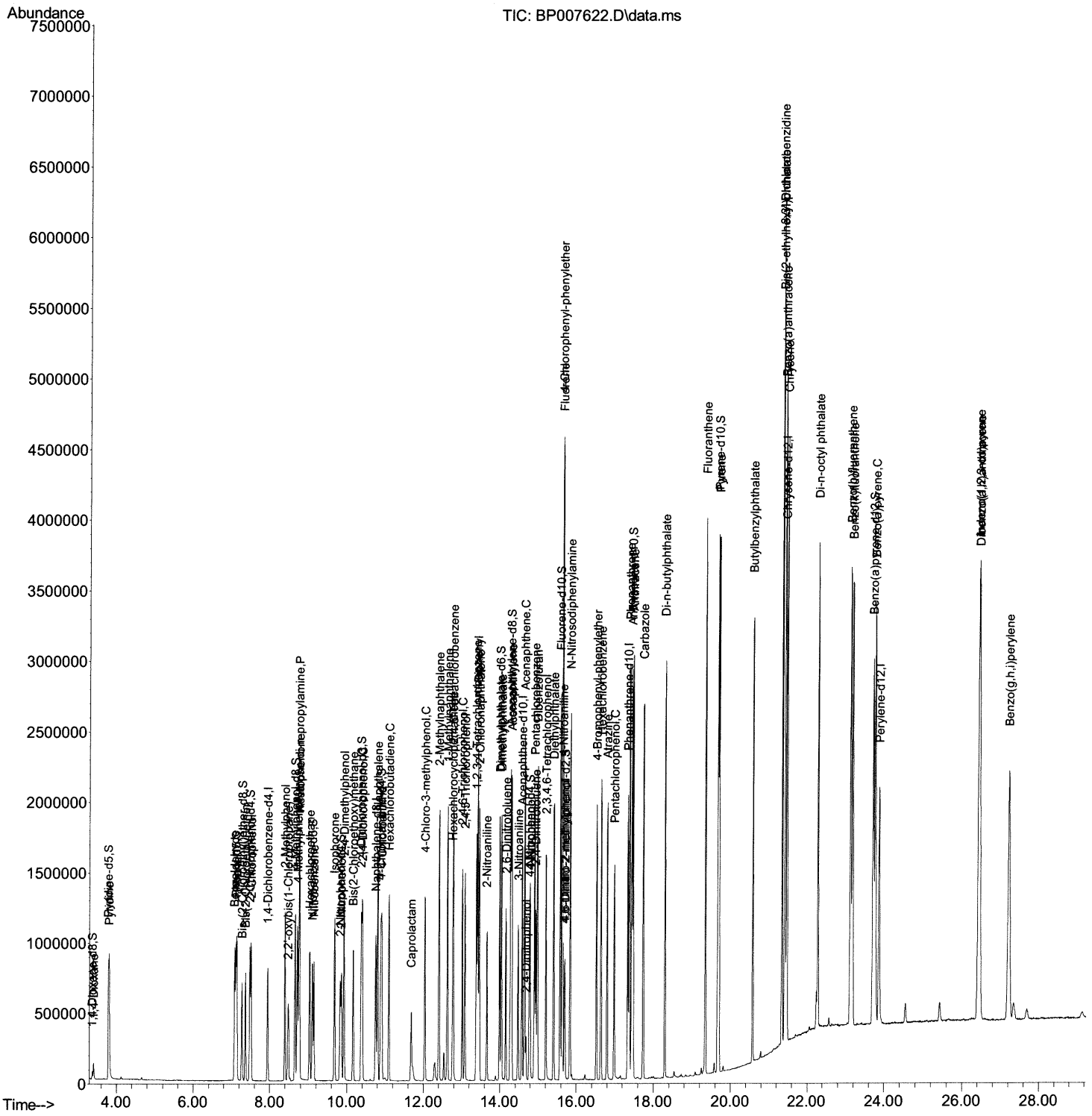

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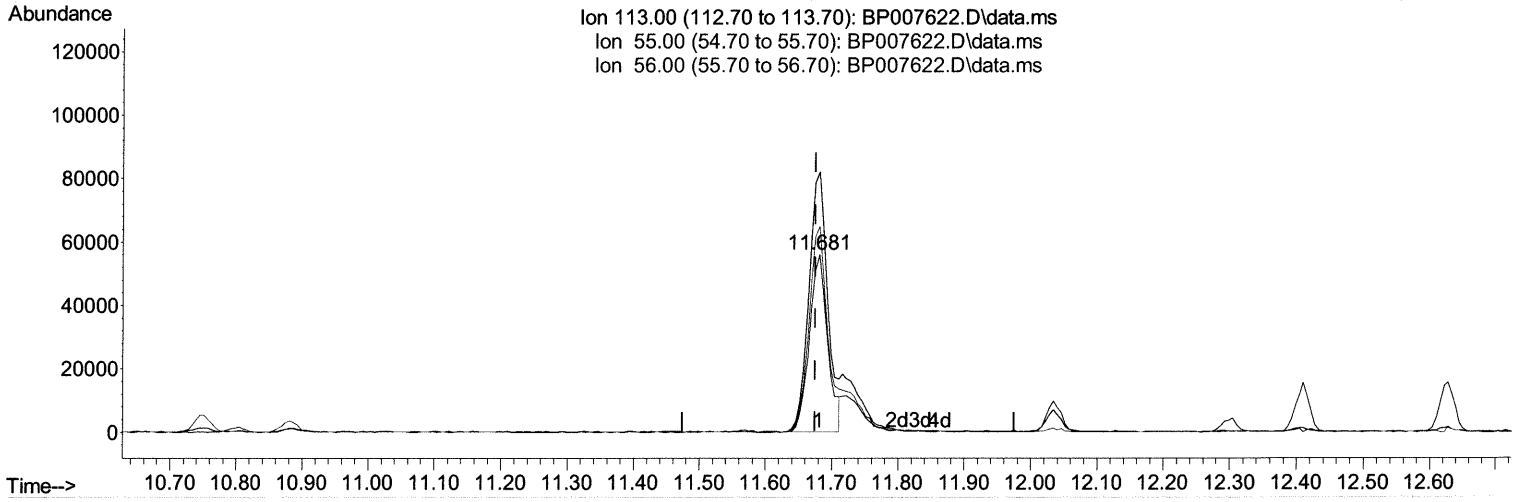

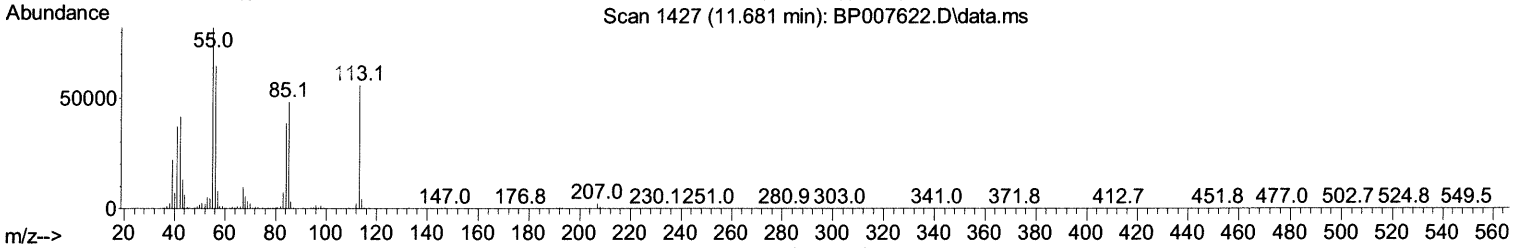

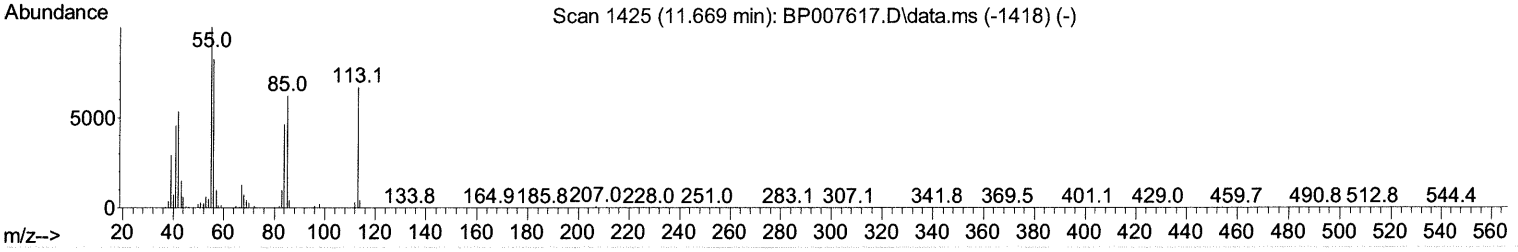

TIC: BP007622.D\data.ms

(34) Caprolactam

11.681min (+ 0.006) 32.75 ng/ul

response 107057

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	146.38
56.00	120.30	115.78
0.00	0.00	0.00

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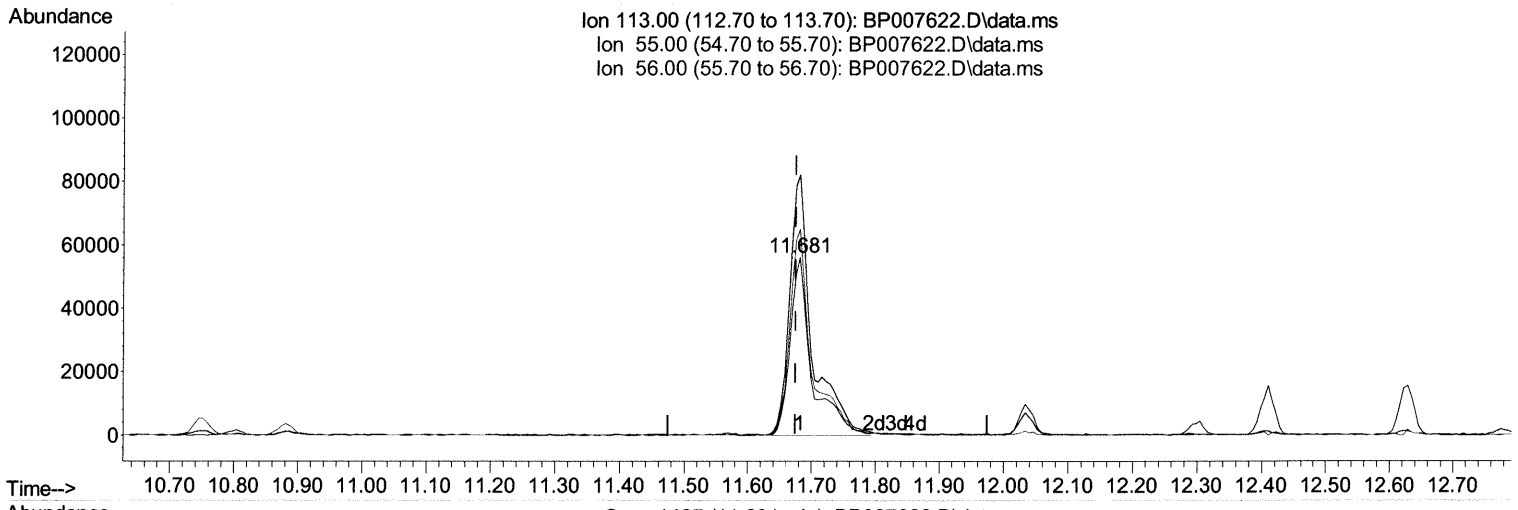

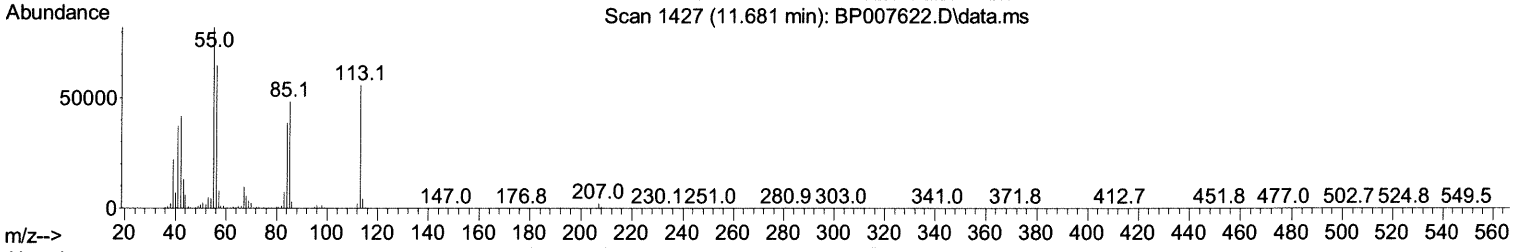

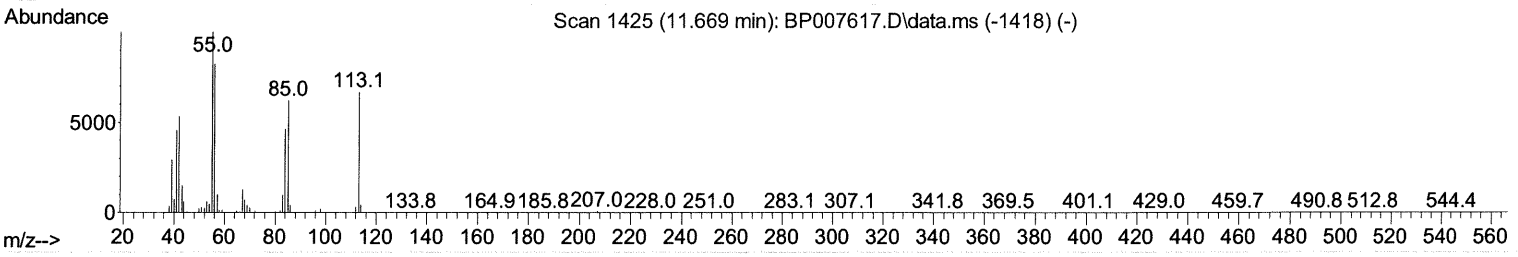

TIC: BP007622.D\data.ms

(34) Caprolactam

11.681min (+ 0.006) 40.67 ng/ul m 10/26/21 JU

response 132946

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	146.38
56.00	120.30	115.78
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	219679	20.000	ng/ul	0.00
20) Naphthalene-d8	10.751	136	879261	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.581	164	559359	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.333	188	1199871	20.000	ng/ul	0.00
79) Chrysene-d12	21.421	240	1230065	20.000	ng/ul	0.00
88) Perylene-d12	23.868	264	1312348	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	27479	4.940	ng/uL	0.00
4) Pyridine-d5	3.787	84	410959	26.991	ng/ul	0.00
7) Phenol-d5	7.110	99	550546	32.091	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	301025	29.419	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	443583	32.867	ng/ul	0.00
15) 4-Methylphenol-d8	8.657	113	443038	33.526	ng/ul	0.00
21) Nitrobenzene-d5	9.104	128	210067	37.752	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	235307	45.273	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	453043	35.737	ng/ul	0.00
31) 4-Chloroaniline-d4	10.881	131	535225	31.221	ng/ul	0.00
46) Dimethylphthalate-d6	13.992	166	1269683	32.809	ng/ul	0.00
49) Acenaphthylene-d8	14.275	160	1547185	31.813	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	225686	36.345	ng/ul	0.00
60) Fluorene-d10	15.575	176	1077466	33.270	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	137846	28.671	ng/ul	0.00
73) Anthracene-d10	17.433	188	1666391	32.702	ng/ul	0.00
81) Pyrene-d10	19.669	212	2030810	33.025	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.710	264	2093728	32.063	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	58032	9.592	ng/uL	93
5) Pyridine	3.811	79	415348	28.206	ng/ul	97
6) Benzaldehyde	7.075	77	320874	33.288	ng/ul	98
8) Phenol	7.134	94	546537	31.159	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.363	93	422856	29.871	ng/ul	99
12) 2-Chlorophenol	7.510	128	438682	31.661	ng/ul	98
13) 2-Methylphenol	8.387	108	413823	31.321	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.481	45	484395	26.852	ng/ul	97
16) Acetophenone	8.769	105	621308	30.735	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.757	70	298589	28.551	ng/ul	94
18) 4-Methylphenol	8.722	108	441906	31.402	ng/ul	96
19) Hexachloroethane	9.028	117	169621	29.239	ng/ul	94
22) Nitrobenzene	9.146	77	471977	33.036	ng/ul	97
23) Isophorone	9.675	82	866208	28.962	ng/ul	98
25) 2-Nitrophenol	9.857	139	244944	40.657	ng/ul	94
26) 2,4-Dimethylphenol	9.922	107	467068	30.364	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.163	93	554276	29.908	ng/ul	99
29) 2,4-Dichlorophenol	10.398	162	432341	34.698	ng/ul	98
30) Naphthalene	10.798	128	1308098	30.590	ng/ul	100
32) 4-Chloroaniline	10.904	127	534361	30.805	ng/ul	99
33) Hexachlorobutadiene	11.098	225	300841	34.389	ng/ul	99
34) Caprolactam	11.681	113	132946m	40.675	ng/ul	10/26/21 JU
35) 4-Chloro-3-methylphenol	12.034	107	459842	33.972	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.410	142	913820	31.268	ng/ul	100
37) 1-Methylnaphthalene	12.628	142	911896	30.822	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.775	216	546527	33.802	ng/ul	99
40) Hexachlorocyclopentadiene	12.763	237	193137	18.944	ng/ul	99
41) 2,4,6-Trichlorophenol	13.016	196	362019	38.077	ng/ul	98
42) 2,4,5-Trichlorophenol	13.087	196	390266	39.428	ng/ul	98
43) 1,1'-Biphenyl	13.416	154	1230853	30.873	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	954893	31.096	ng/ul	98
45) 2-Nitroaniline	13.657	65	269863	37.799	ng/ul	93
47) Dimethylphthalate	14.039	163	1200434	31.230	ng/ul	99
48) 2,6-Dinitrotoluene	14.157	165	254954	39.998	ng/ul	90
50) Acenaphthylene	14.304	152	1518890	30.976	ng/ul	100
51) 3-Nitroaniline	14.481	138	262665	36.982	ng/ul#	97
52) Acenaphthene	14.645	153	975952	30.736	ng/ul	98
53) 2,4-Dinitrophenol	14.686	184	69983	23.767	ng/ul	92
55) 4-Nitrophenol	14.792	109	194369	34.648	ng/ul	92
56) Dibenzofuran	14.981	168	1444927	31.340	ng/ul	99
57) 2,4-Dinitrotoluene	14.939	165	362100	40.445	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.210	232	321161	39.100	ng/ul	95
59) Diethylphthalate	15.410	149	1194549	31.168	ng/ul	99
61) Fluorene	15.633	166	1108129	31.723	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.628	204	584623	32.870	ng/ul	99
63) 4-Nitroaniline	15.645	138	256731	40.774	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.704	198	136192	27.385	ng/ul	96
67) N-Nitrosodiphenylamine	15.839	169	1007849	31.199	ng/ul	100
68) 4-Bromophenyl-phenylether	16.522	248	385298	35.647	ng/ul	97
69) Hexachlorobenzene	16.639	284	446525	34.344	ng/ul	98
70) Atrazine	16.798	200	384142	31.412	ng/ul	98
71) Pentachlorophenol	16.986	266	270833	37.631	ng/ul	99
72) Phenanthrene	17.375	178	1891245	31.529	ng/ul	99
74) Anthracene	17.469	178	1839213	30.657	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.381	216	545480	31.344	ng/uL	99
76) Pentachlorobenzene	14.904	250	521300	32.134	ng/uL	99
77) Carbazole	17.739	167	1705828	32.370	ng/ul	99
78) Di-n-butylphthalate	18.298	149	2048258	31.639	ng/ul	100
80) Fluoranthene	19.345	202	2362821	30.967	ng/ul	97
82) Pyrene	19.698	202	2338101	30.388	ng/ul	96
83) Butylbenzylphthalate	20.574	149	967238	34.240	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.333	252	715237	30.561	ng/ul	99
85) Benzo(a)anthracene	21.404	228	2406268	31.839	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.339	149	1384381	32.055	ng/ul	99
87) Chrysene	21.463	228	2287836	31.249	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	2472222	33.385	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	2543849	31.848	ng/ul	99
91) Benzo(k)fluoranthene	23.174	252	2411733	32.382	ng/ul	98
93) Benzo(a)pyrene	23.762	252	2465553	32.270	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.433	276	2918745	32.976	ng/ul	98
95) Dibenzo(a,h)anthracene	26.451	278	2487309	33.002	ng/ul	98
96) Benzo(g,h,i)perylene	27.215	276	2514838	32.991	ng/ul	96

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