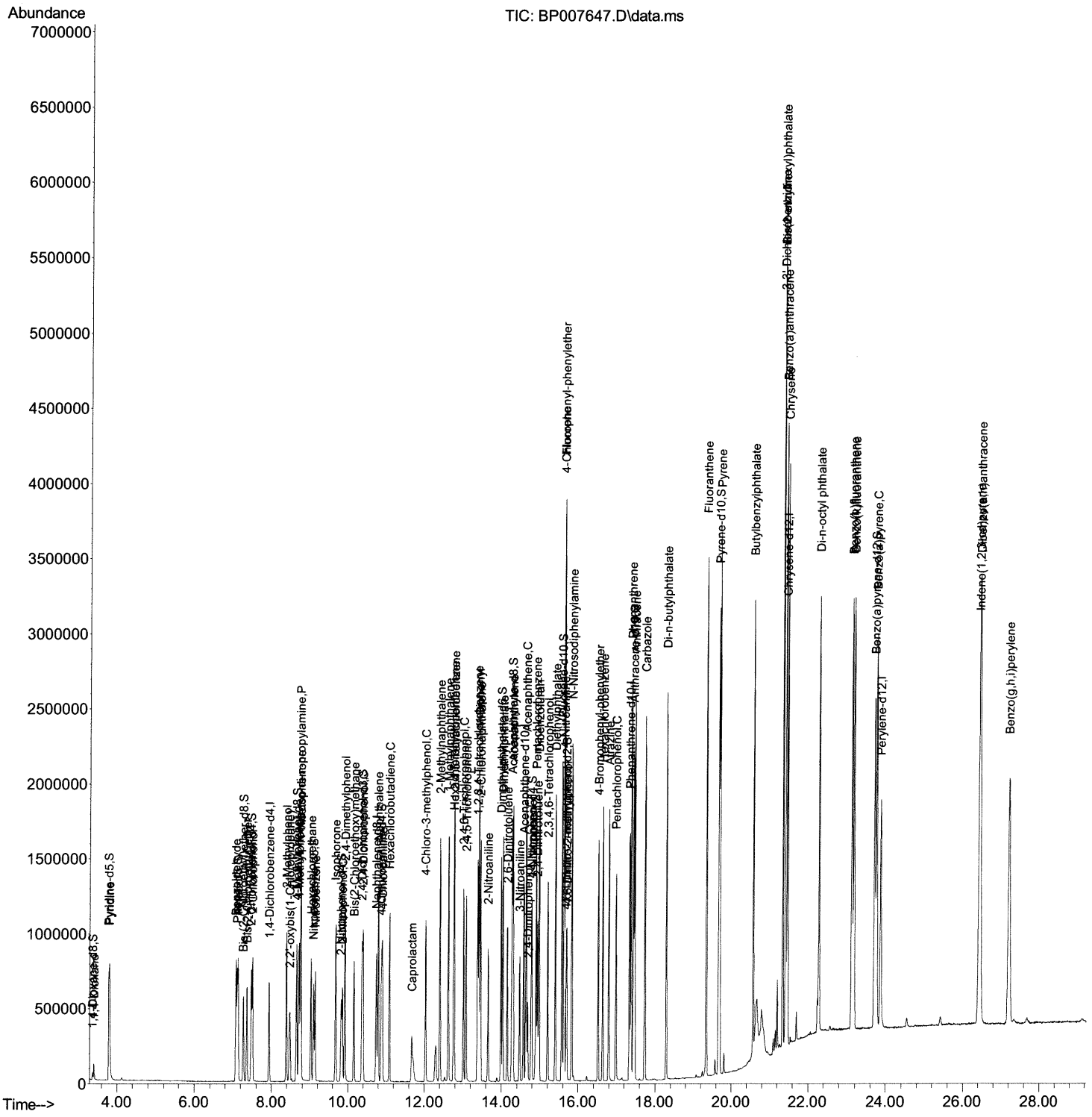
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102521\
Data File : BP007647.D
Acq On : 25 Oct 2021 18:15
Operator : CG/JU
Sample : PB140190BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 26 02:36:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 25 16:57:16 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS190

Manual Integrations APPROVED
mohammad
10/26/2021 11:34:35 AM



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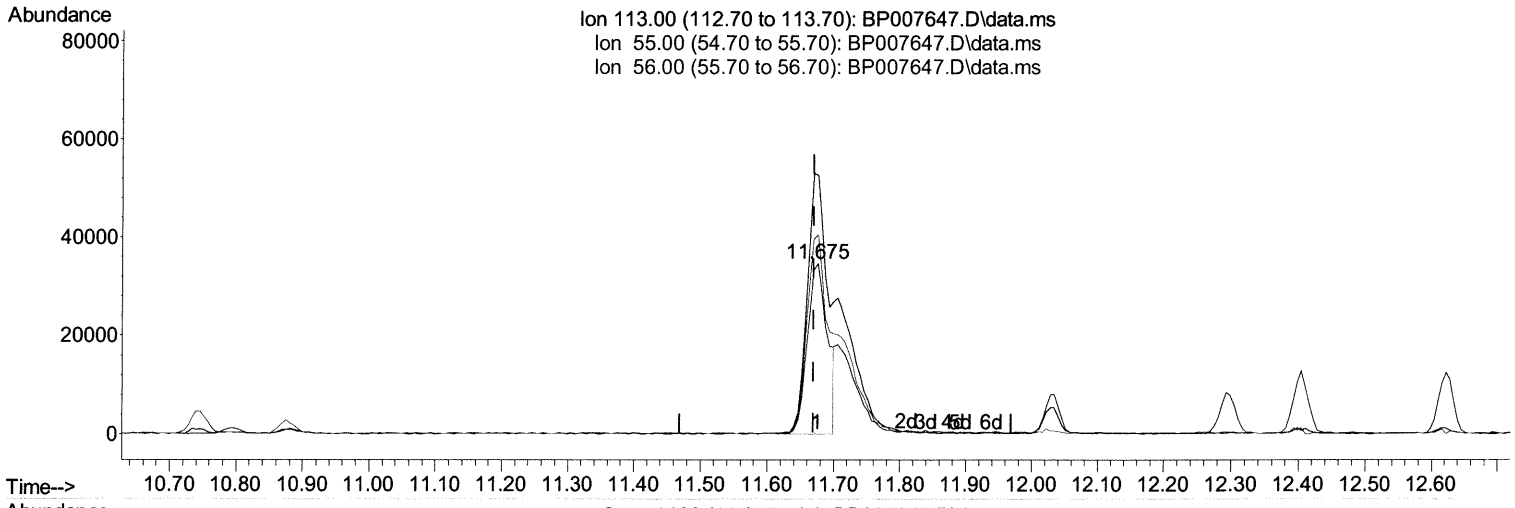

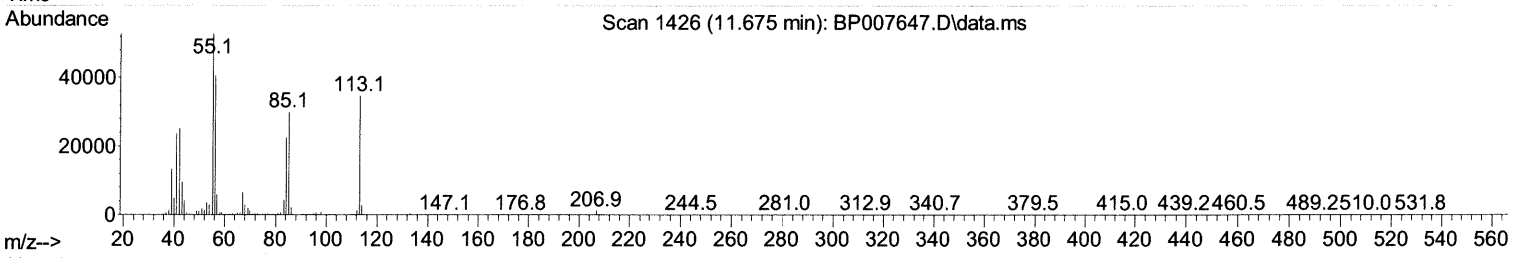

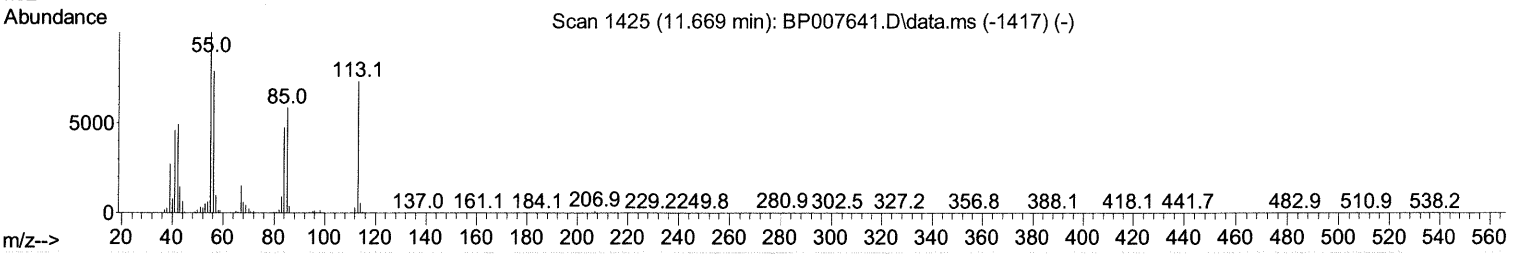

TIC: BP007647.D\data.ms

(34) Caprolactam

11.675min (+ 0.006) 20.88 ng/ul

response 72697

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	151.68
56.00	120.30	116.71
0.00	0.00	0.00

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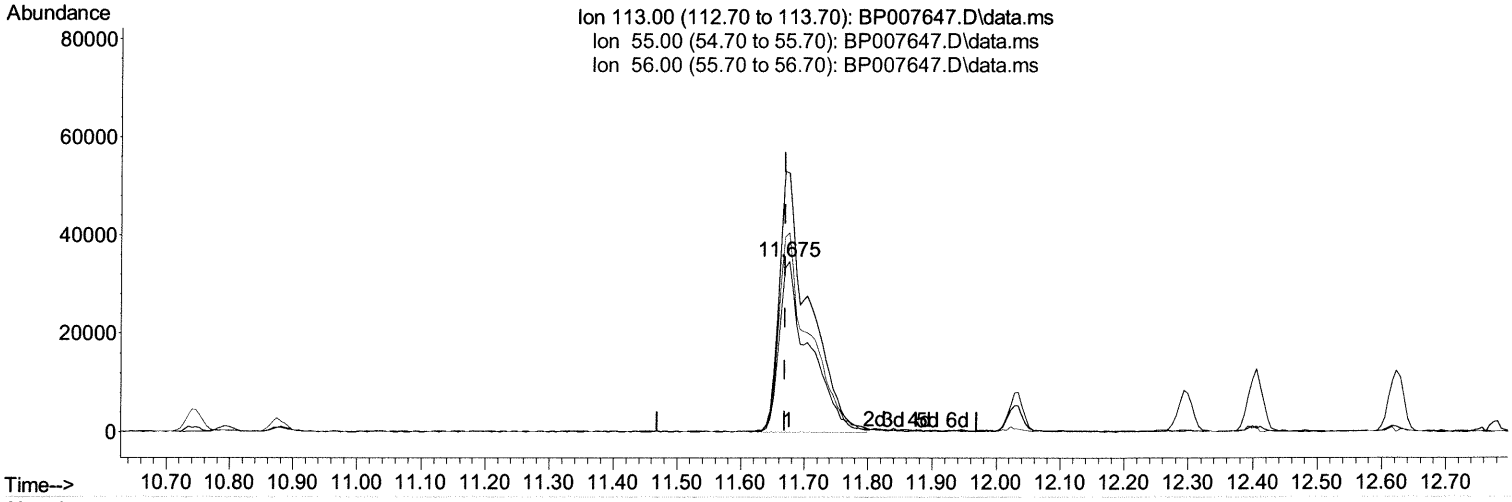

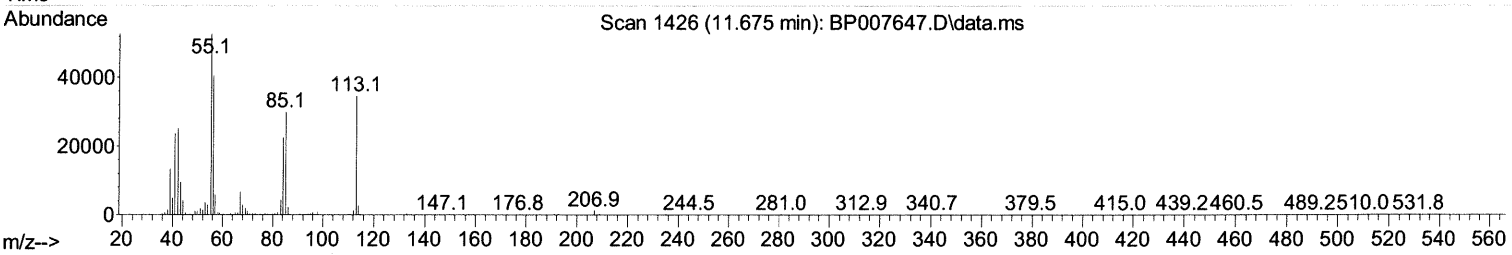

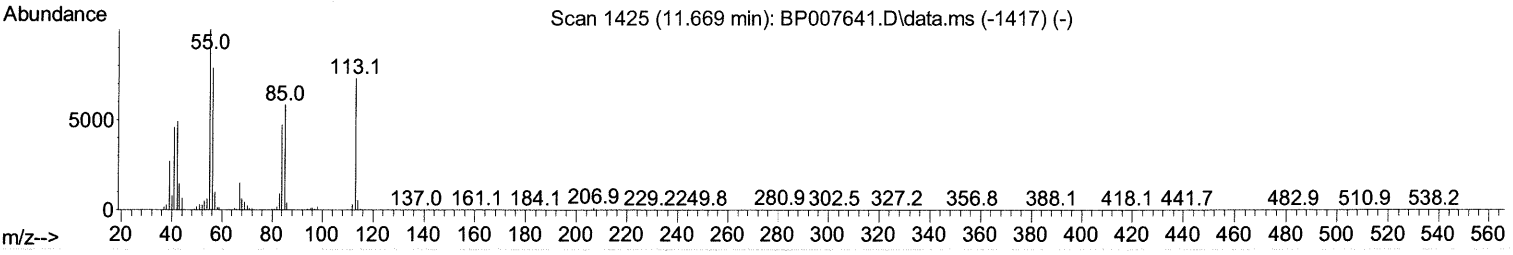

TIC: BP007647.D\data.ms

(34) Caprolactam

11.675min (+ 0.006) 32.53 ng/ul m 10/27/21 JU

response 113237

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	151.68
56.00	120.30	116.71
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	7.940	152	177995	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	715247	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.575	164	468304	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.334	188	1017141	20.000	ng/ul	0.00
79) Chrysene-d12	21.422	240	1068990	20.000	ng/ul	0.00
88) Perylene-d12	23.863	264	1173100	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	23545	6.009	ng/uL	0.00
4) Pyridine-d5	3.787	84	354735	29.937	ng/ul	0.00
7) Phenol-d5	7.105	99	415610	30.741	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	237922	31.697	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	337528	32.100	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	334750	31.621	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	158845	32.589	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	173960	32.677	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	339874	31.365	ng/ul	0.00
31) 4-Chloroaniline-d4	10.875	131	399593	27.889	ng/ul	0.00
46) Dimethylphthalate-d6	13.987	166	1009543	31.825	ng/ul	0.00
49) Acenaphthylene-d8	14.269	160	1218693	31.345	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	185512	31.904	ng/ul	0.00
60) Fluorene-d10	15.569	176	850966	31.821	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.687	200	160470	29.494	ng/ul	0.00
73) Anthracene-d10	17.428	188	1332554	31.879	ng/ul	0.00
81) Pyrene-d10	19.663	212	1654177	33.237	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.704	264	1739015	30.177	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	53659	12.249	ng/uL	92
5) Pyridine	3.805	79	365518	31.491	ng/ul	99
6) Benzaldehyde	7.075	77	263476	40.538	ng/ul	95
8) Phenol	7.134	94	448920	32.864	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.364	93	353867	32.860	ng/ul	98
12) 2-Chlorophenol	7.505	128	365752	34.311	ng/ul	98
13) 2-Methylphenol	8.387	108	337186	32.678	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.481	45	404039	33.033	ng/ul	97
16) Acetophenone	8.763	105	524802	33.216	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.752	70	256328	34.110	ng/ul	95
18) 4-Methylphenol	8.716	108	364202	33.099	ng/ul	98
19) Hexachloroethane	9.028	117	146183	33.508	ng/ul	88
22) Nitrobenzene	9.140	77	389415	33.859	ng/ul	97
23) Isophorone	9.675	82	740542	33.659	ng/ul	97
25) 2-Nitrophenol	9.852	139	197161	34.409	ng/ul	97
26) 2,4-Dimethylphenol	9.922	107	409827	33.594	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.157	93	460767	32.669	ng/ul	99
29) 2,4-Dichlorophenol	10.393	162	356148	33.548	ng/ul	98
30) Naphthalene	10.793	128	1080317	31.993	ng/ul	99
32) 4-Chloroaniline	10.904	127	424212	29.088	ng/ul	99
33) Hexachlorobutadiene	11.093	225	247452	31.971	ng/ul	100
34) Caprolactam	11.675	113	113237m	32.530	ng/ul	10/27/2021
35) 4-Chloro-3-methylphenol	12.028	107	380011	34.576	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.404	142	760642	32.765	ng/ul	99
37) 1-Methylnaphthalene	12.622	142	755025	32.211	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.775	216	456650	32.147	ng/ul	98
40) Hexachlorocyclopentadiene	12.757	237	268707	29.169	ng/ul	99
41) 2,4,6-Trichlorophenol	13.010	196	298909	33.443	ng/ul	98
42) 2,4,5-Trichlorophenol	13.081	196	328229	34.107	ng/ul	97
43) 1,1'-Biphenyl	13.410	154	1035071	31.994	ng/ul	99
44) 2-Chloronaphthalene	13.451	162	798248	31.840	ng/ul	99
45) 2-Nitroaniline	13.651	65	225027	35.577	ng/ul	89
47) Dimethylphthalate	14.034	163	1048228	33.432	ng/ul	99
48) 2,6-Dinitrotoluene	14.151	165	214110	35.753	ng/ul	92
50) Acenaphthylene	14.298	152	1292145	32.826	ng/ul	100
51) 3-Nitroaniline	14.475	138	202747	31.921	ng/ul#	95
52) Acenaphthene	14.640	153	832489	32.067	ng/ul	100
53) 2,4-Dinitrophenol	14.681	184	115152	30.807	ng/ul	95
55) 4-Nitrophenol	14.787	109	172070	33.473	ng/ul	92
56) Dibenzofuran	14.975	168	1226868	32.328	ng/ul	100
57) 2,4-Dinitrotoluene	14.934	165	310376	36.087	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.204	232	269939	34.412	ng/ul	96
59) Diethylphthalate	15.404	149	1040082	33.823	ng/ul	98
61) Fluorene	15.628	166	957016	32.352	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.622	204	503491	32.095	ng/ul	99
63) 4-Nitroaniline	15.640	138	216235	36.670	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.704	198	177404	32.394	ng/ul	98
67) N-Nitrosodiphenylamine	15.834	169	853208	32.513	ng/ul	99
68) 4-Bromophenyl-phenylether	16.522	248	330111	33.285	ng/ul	96
69) Hexachlorobenzene	16.639	284	378813	32.984	ng/ul	96
70) Atrazine	16.792	200	349850	32.153	ng/ul	99
71) Pentachlorophenol	16.981	266	226951	31.819	ng/ul	98
72) Phenanthrene	17.375	178	1621806	32.989	ng/ul	100
74) Anthracene	17.463	178	1607888	32.881	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.375	216	458791	30.851	ng/uL	98
76) Pentachlorobenzene	14.898	250	442488	30.857	ng/uL	99
77) Carbazole	17.734	167	1488241	32.967	ng/ul	100
78) Di-n-butylphthalate	18.292	149	1782738	34.493	ng/ul	99
80) Fluoranthene	19.339	202	2042738	33.490	ng/ul	97
82) Pyrene	19.692	202	2054615	33.282	ng/ul	96
83) Butylbenzylphthalate	20.569	149	868292	36.149	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.333	252	690614	34.859	ng/ul#	97
85) Benzo(a)anthracene	21.404	228	2110070	33.240	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	1238111	34.689	ng/ul#	99
87) Chrysene	21.457	228	2017039	32.863	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	2182811	33.404	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	2305722	33.357	ng/ul	99
91) Benzo(k)fluoranthene	23.169	252	2108036	32.589	ng/ul	98
93) Benzo(a)pyrene	23.757	252	2210997	33.014	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.421	276	2671367	33.487	ng/ul	97
95) Dibenzo(a,h)anthracene	26.445	278	2273382	33.255	ng/ul	98
96) Benzo(g,h,i)perylene	27.204	276	2296036	33.839	ng/ul	96

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