Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090921\
Data File : BP006896.D
Acq On : 09 Sep 2021 12:41
Operator : CG/JU
Sample : PB138843BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 09 14:15:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 09 11:07:24 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS843

Manual Integrations APPROVED
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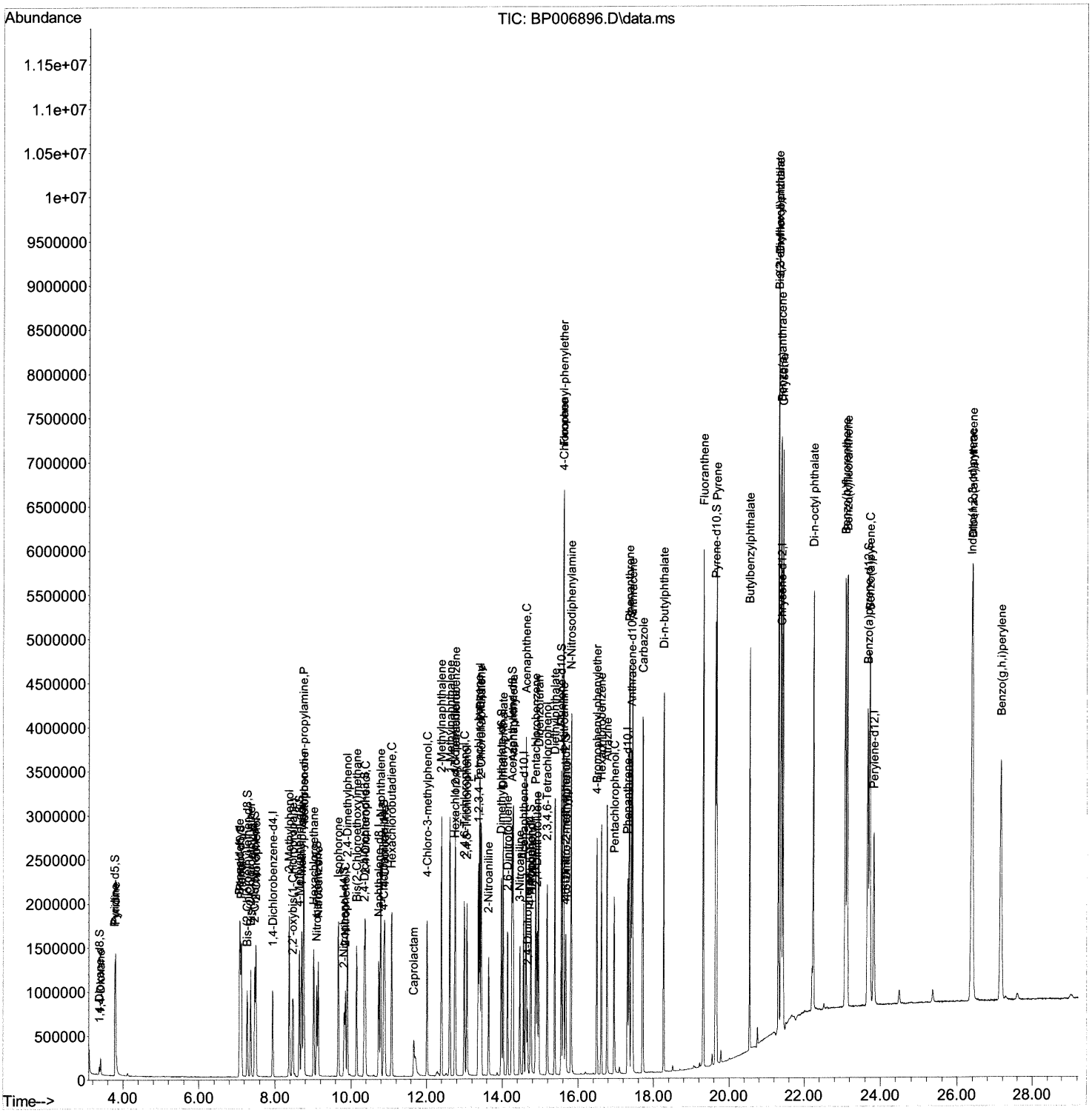
9/10/2021 3:25:56 PM



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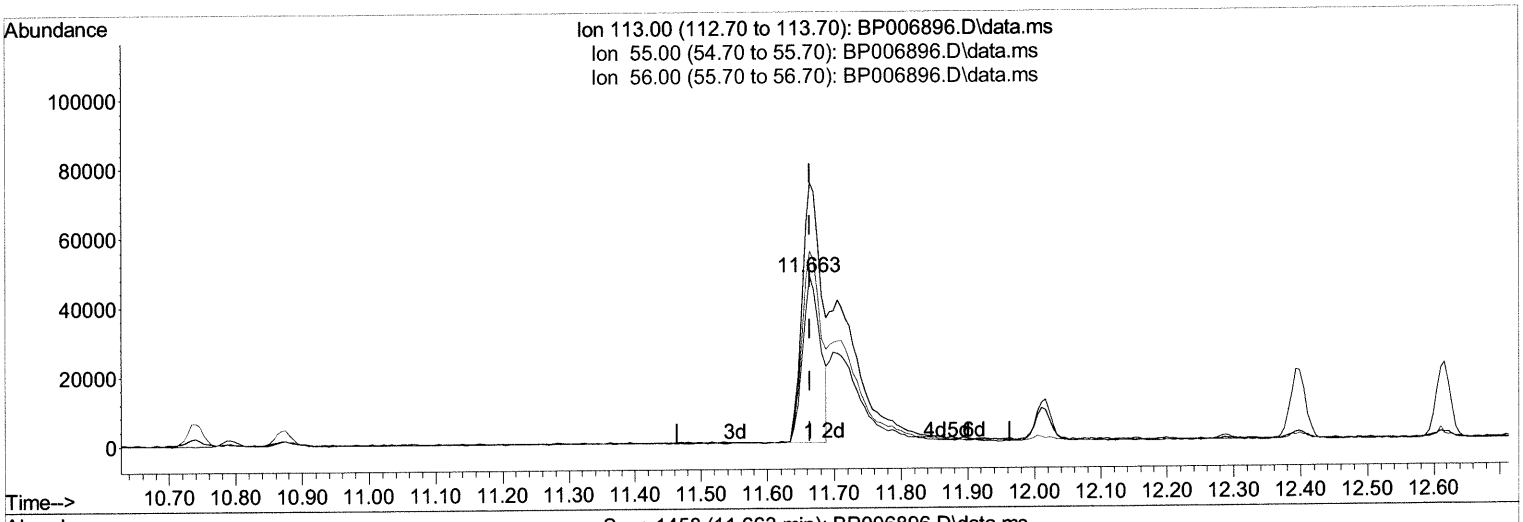

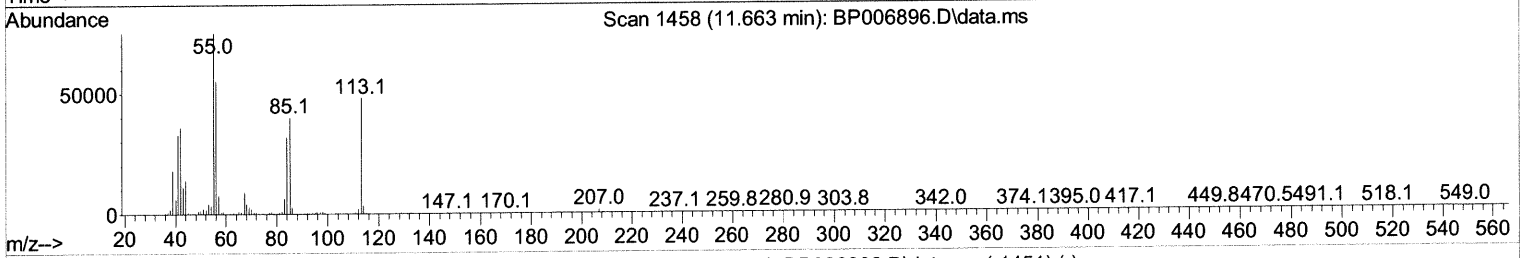

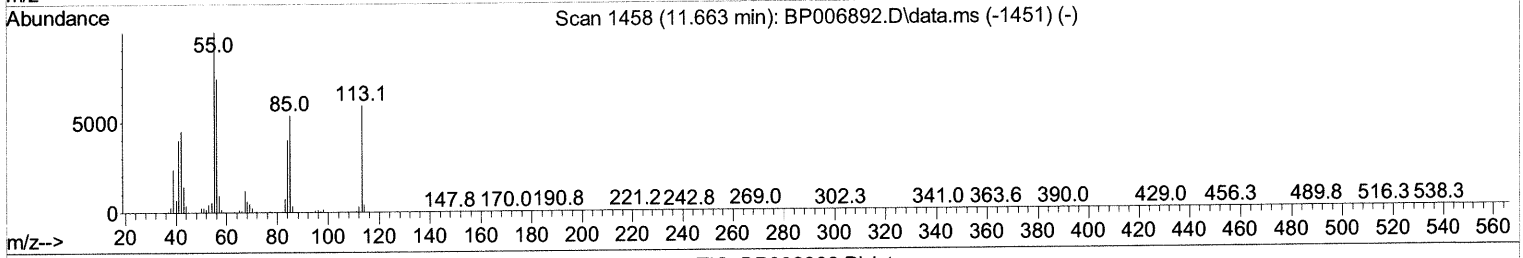

TIC: BP006896.D\data.ms

(34) Caprolactam

11.663min (-0.000) 19.76 ng/ul

response 89552

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	157.20	156.30
56.00	122.70	115.04
0.00	0.00	0.00

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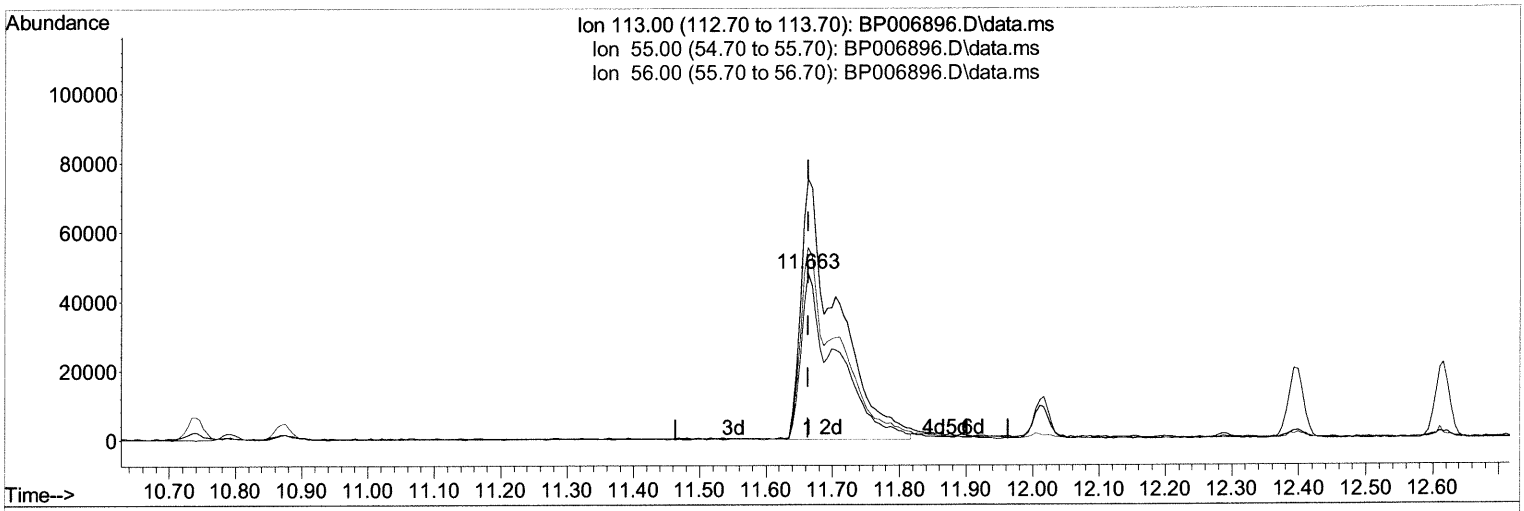

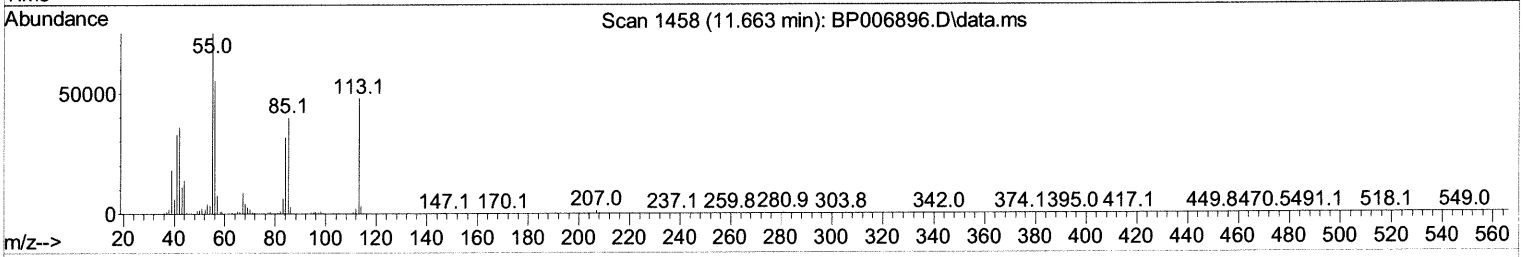

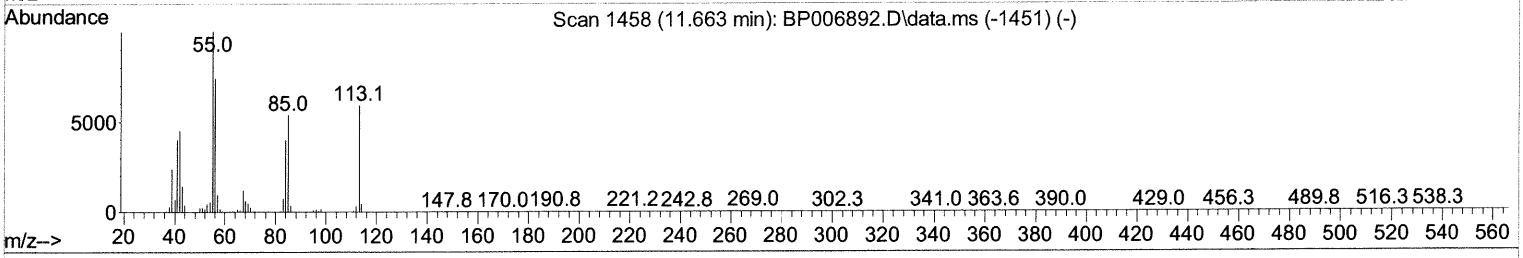

TIC: BP006896.D\data.ms

(34) Caprolactam

11.663min (-0.000) 38.92 ng/ul m 09/13/2021

response 176407

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	157.20	156.30
56.00	122.70	115.04
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	274064	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	1091947	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.563	164	663131	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.310	188	1359218	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.392	240	1384205	20.000	ng/ul	# 0.00
88) Perylene-d12	23.827	264	1444265	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	47572	6.908	ng/uL	0.00
4) Pyridine-d5	3.781	84	597378	33.286	ng/ul	0.00
7) Phenol-d5	7.093	99	722276	35.857	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	417552	36.094	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	583670	35.893	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	558519	35.309	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	257196	38.886	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	252846	38.830	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	552219	35.966	ng/ul	0.00
31) 4-Chloroaniline-d4	10.869	131	741221	34.909	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	1561087	36.347	ng/ul	0.00
49) Acenaphthylene-d8	14.257	160	1980694	36.412	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	285649	38.283	ng/ul	0.00
60) Fluorene-d10	15.551	176	1363645	35.974	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	227535	37.842	ng/ul	0.00
73) Anthracene-d10	17.410	188	2105364	37.414	ng/ul	0.00
81) Pyrene-d10	19.639	212	2459010	37.933	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.669	264	2508918	36.009	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	107778	14.064	ng/uL	91
5) Pyridine	3.805	79	689165	38.281	ng/ul	89
6) Benzaldehyde	7.075	77	488151	38.031	ng/ul	89
8) Phenol	7.122	94	857053	41.161	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.363	93	671130	40.259	ng/ul	98
12) 2-Chlorophenol	7.499	128	685120	41.067	ng/ul	94
13) 2-Methylphenol	8.375	108	633572	40.067	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.469	45	810078	42.071	ng/ul	96
16) Acetophenone	8.763	105	979335	40.371	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.752	70	459922	40.692	ng/ul#	97
18) 4-Methylphenol	8.705	108	683400	40.296	ng/ul	100
19) Hexachloroethane	9.022	117	270447	39.809	ng/ul#	80
22) Nitrobenzene	9.140	77	694608	43.399	ng/ul#	88
23) Isophorone	9.669	82	1274829	40.105	ng/ul	95
25) 2-Nitrophenol	9.852	139	328762	45.171	ng/ul#	84
26) 2,4-Dimethylphenol	9.910	107	679774	38.552	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.152	93	857679	40.760	ng/ul	99
29) 2,4-Dichlorophenol	10.381	162	627875	41.292	ng/ul	94
30) Naphthalene	10.793	128	2082637	39.319	ng/ul	99
32) 4-Chloroaniline	10.899	127	840821	38.880	ng/ul	100
33) Hexachlorobutadiene	11.081	225	393815	37.543	ng/ul	96
34) Caprolactam	11.663	113	176407m	38.922	ng/ul	0 09/13/21 JU
35) 4-Chloro-3-methylphenol	12.016	107	637473	41.334	ng/ul	88

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.399	142	1459249	41.091 ng/ul	99
37) 1-Methylnaphthalene	12.616	142	1400451	38.659 ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.763	216	761546	40.106 ng/ul#	95
40) Hexachlorocyclopentadiene	12.746	237	418511	34.150 ng/ul	99
41) 2,4,6-Trichlorophenol	12.998	196	474713	43.192 ng/ul	99
42) 2,4,5-Trichlorophenol	13.063	196	516572	42.162 ng/ul	97
43) 1,1'-Biphenyl	13.404	154	1854101	40.157 ng/ul#	97
44) 2-Chloronaphthalene	13.440	162	1433482	40.269 ng/ul	92
45) 2-Nitroaniline	13.640	65	349638	48.325 ng/ul#	81
47) Dimethylphthalate	14.022	163	1768723	40.833 ng/ul	99
48) 2,6-Dinitrotoluene	14.140	165	339650	46.950 ng/ul#	73
50) Acenaphthylene	14.287	152	2135266	37.832 ng/ul	99
51) 3-Nitroaniline	14.463	138	362128	43.668 ng/ul	83
52) Acenaphthene	14.628	153	1523494	40.765 ng/ul	98
53) 2,4-Dinitrophenol	14.663	184	166891	41.066 ng/ul#	70
55) 4-Nitrophenol	14.763	109	239715	43.707 ng/ul#	85
56) Dibenzofuran	14.963	168	2156116	39.980 ng/ul#	86
57) 2,4-Dinitrotoluene	14.922	165	494535	47.835 ng/ul#	75
58) 2,3,4,6-Tetrachlorophenol	15.181	232	432950	43.854 ng/ul#	79
59) Diethylphthalate	15.387	149	1752279	41.547 ng/ul	95
61) Fluorene	15.610	166	1733599	40.331 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.604	204	868984	39.656 ng/ul#	82
63) 4-Nitroaniline	15.622	138	367150	44.345 ng/ul#	83
66) 4,6-Dinitro-2-methylph...	15.681	198	271501	44.349 ng/ul#	74
67) N-Nitrosodiphenylamine	15.816	169	1515504	42.335 ng/ul	99
68) 4-Bromophenyl-phenylether	16.498	248	528507	41.128 ng/ul#	85
69) Hexachlorobenzene	16.616	284	606248	40.686 ng/ul#	86
70) Atrazine	16.769	200	545685	40.252 ng/ul	95
71) Pentachlorophenol	16.957	266	357081	41.838 ng/ul	98
72) Phenanthrene	17.351	178	2797939	41.323 ng/ul	99
74) Anthracene	17.445	178	2816170	41.844 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.369	216	756876	39.730 ng/uL	98
76) Pentachlorobenzene	14.881	250	716882	38.875 ng/uL	99
77) Carbazole	17.710	167	2569233	42.954 ng/ul	97
78) Di-n-butylphthalate	18.269	149	2927240	43.180 ng/ul#	98
80) Fluoranthene	19.316	202	3340595	41.433 ng/ul	95
82) Pyrene	19.669	202	3458179	41.816 ng/ul	94
83) Butylbenzylphthalate	20.539	149	1268980	44.067 ng/ul	91
84) 3,3'-Dichlorobenzidine	21.310	252	1176613	40.965 ng/ul#	98
85) Benzo(a)anthracene	21.375	228	3403782	42.235 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.304	149	1910758	44.509 ng/ul#	94
87) Chrysene	21.427	228	3324710	41.688 ng/ul	100
89) Di-n-octyl phthalate	22.239	149	3321455	44.498 ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	3557333	42.095 ng/ul	97
91) Benzo(k)fluoranthene	23.133	252	3617758	45.734 ng/ul	98
93) Benzo(a)pyrene	23.721	252	3282272	40.368 ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.380	276	4237649	44.927 ng/ul	97
95) Dibenzo(a,h)anthracene	26.398	278	3587968	43.965 ng/ul	97
96) Benzo(g,h,i)perylene	27.162	276	3531483	43.655 ng/ul	96

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