Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090921\
Data File : BP006933.D
Acq On : 10 Sep 2021 10:37
Operator : CG/JU
Sample : PB138946BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Sep 10 11:22:41 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 :
SLCS946

Manual Integrations APPROVED
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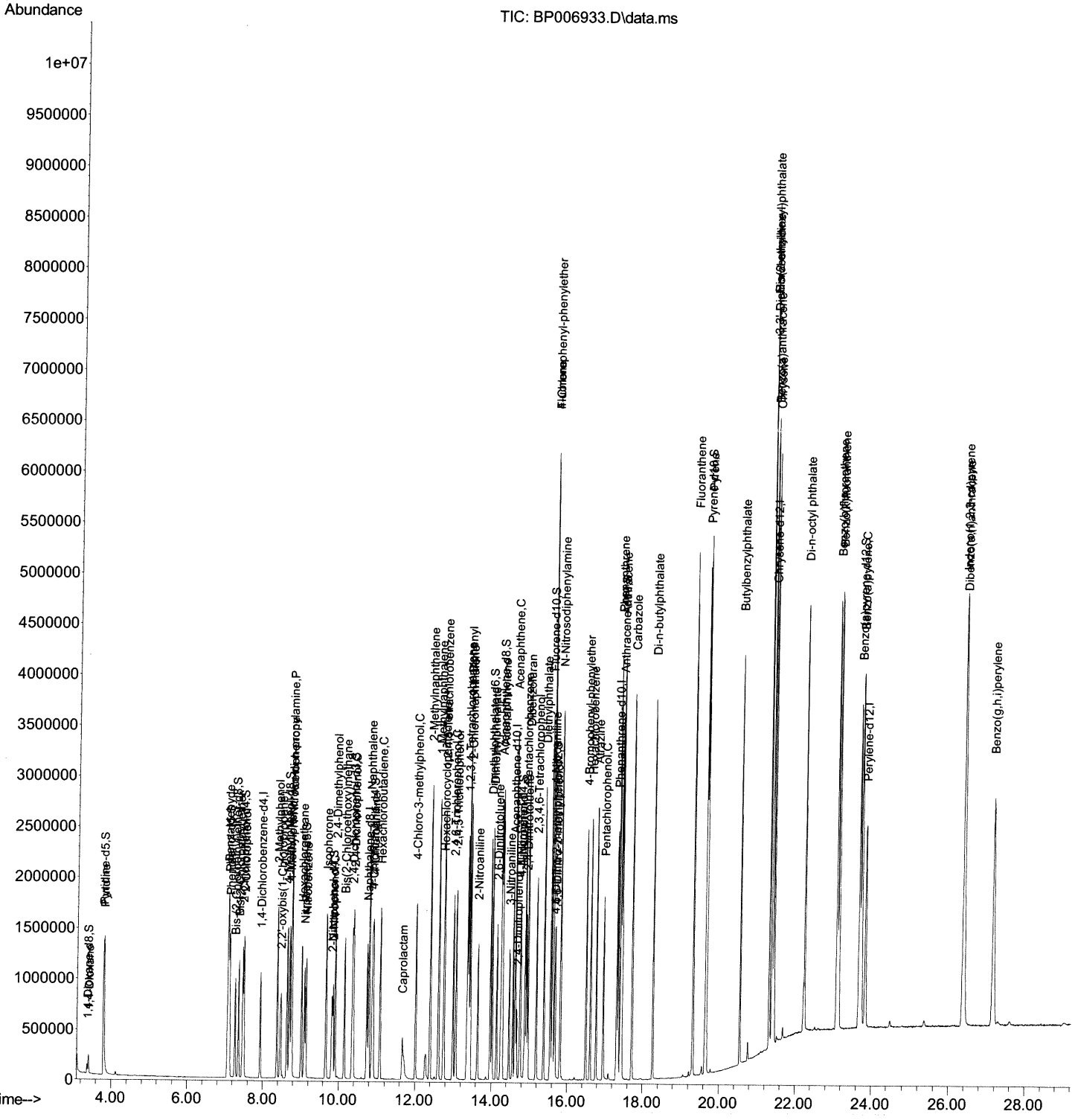
9/10/2021 3:26:26 PM



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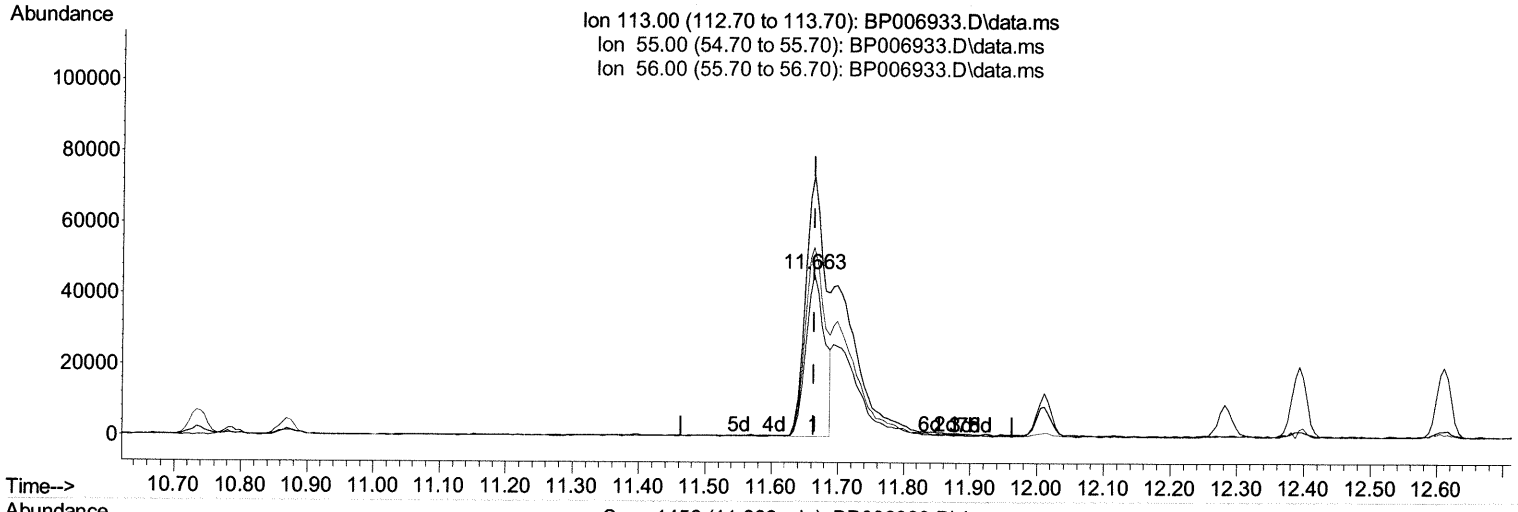

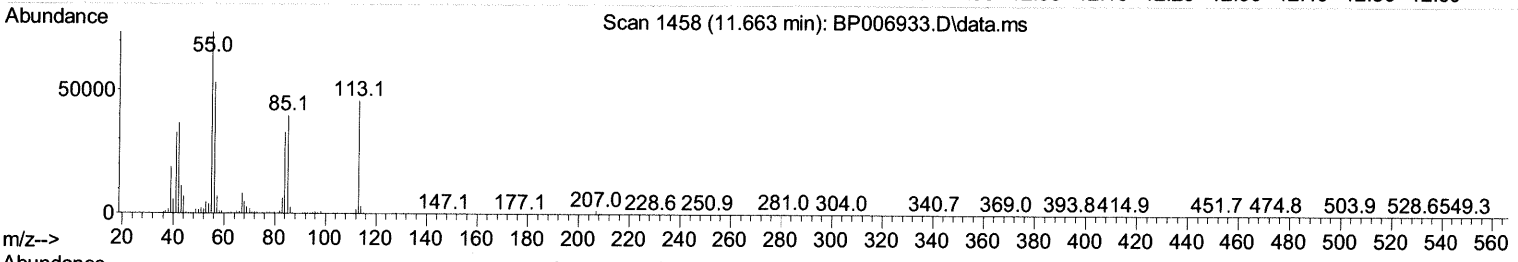

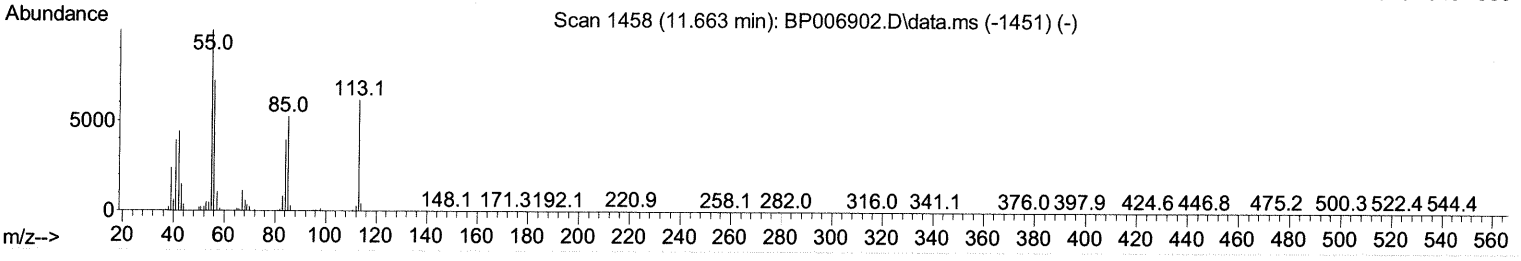

TIC: BP006933.D\data.ms

(34) Caprolactam

11.663min (-0.000) 18.88 ng/ul

response 90066

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	157.20	160.16
56.00	122.70	116.05
0.00	0.00	0.00

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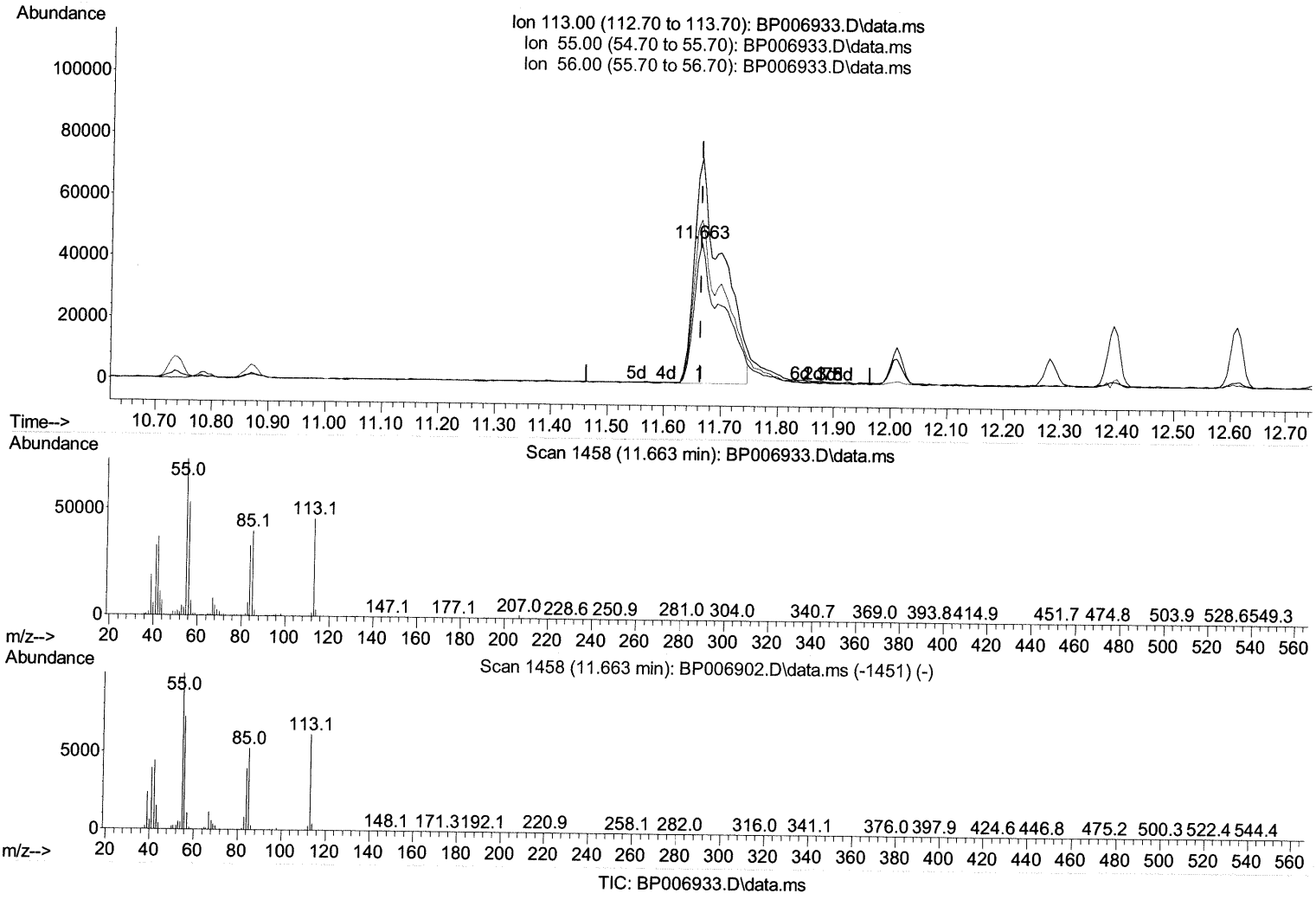

TIC: BP006933.D\data.ms

(34) Caprolactam

11.663min (-0.000) 32.29 ng/ul m 09/14/21 JU

response 154034

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	157.20	160.16
56.00	122.70	116.05
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	7.934	152	282720	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	1149215	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.563	164	704926	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.310	188	1424725	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.392	240	1439599	20.000	ng/ul	0.00
88) Perylene-d12	23.827	264	1461659	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	50277	7.077	ng/uL	0.00
4) Pyridine-d5	3.781	84	640759	34.610	ng/ul	0.00
7) Phenol-d5	7.093	99	758744	36.514	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	441949	37.033	ng/ul	0.00
11) 2-Chlorophenol-d4	7.463	132	601742	35.871	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	577160	35.370	ng/ul	0.00
21) Nitrobenzene-d5	9.093	128	267522	38.432	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	260470	38.008	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.352	165	564988	34.964	ng/ul	0.00
31) 4-Chloroaniline-d4	10.869	131	719389	32.192	ng/ul	0.00
46) Dimethylphthalate-d6	13.969	166	1562403	34.221	ng/ul	0.00
49) Acenaphthylene-d8	14.251	160	2026502	35.046	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	291243	36.718	ng/ul	0.00
60) Fluorene-d10	15.551	176	1380081	34.249	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	223963	35.535	ng/ul	0.00
73) Anthracene-d10	17.410	188	2118229	35.912	ng/ul	0.00
81) Pyrene-d10	19.639	212	2411892	35.774	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.668	264	2402770	34.075	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	104293	13.192	ng/uL#	87
5) Pyridine	3.805	79	661799	35.635	ng/ul	87
6) Benzaldehyde	7.075	77	480384	36.280	ng/ul	90
8) Phenol	7.122	94	803248	37.396	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.358	93	627128	36.468	ng/ul	99
12) 2-Chlorophenol	7.499	128	637003	37.014	ng/ul	95
13) 2-Methylphenol	8.375	108	588381	36.070	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.469	45	767001	38.614	ng/ul	96
16) Acetophenone	8.757	105	914265	36.535	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.746	70	433061	37.142	ng/ul	97
18) 4-Methylphenol	8.705	108	632520	36.154	ng/ul	99
19) Hexachloroethane	9.016	117	250561	35.753	ng/ul	87
22) Nitrobenzene	9.134	77	658005	39.064	ng/ul	91
23) Isophorone	9.663	82	1182622	35.350	ng/ul	96
25) 2-Nitrophenol	9.846	139	306729	40.044	ng/ul#	85
26) 2,4-Dimethylphenol	9.904	107	668389	36.017	ng/ul	90
27) Bis(2-Chloroethoxy)met...	10.146	93	790616	35.701	ng/ul	99
29) 2,4-Dichlorophenol	10.381	162	578643	36.158	ng/ul	95
30) Naphthalene	10.787	128	1946474	34.917	ng/ul	100
32) 4-Chloroaniline	10.893	127	737916	32.421	ng/ul	99
33) Hexachlorobutadiene	11.075	225	356831	32.322	ng/ul	97
34) Caprolactam	11.663	113	154034m	32.292	ng/ul	90
35) 4-Chloro-3-methylphenol	12.010	107	589231	36.302	ng/ul	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.393	142	1355822	36.276	ng/ul	98
37) 1-Methylnaphthalene	12.610	142	1293970	33.939	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.757	216	699359	34.647	ng/ul#	93
40) Hexachlorocyclopentadiene	12.740	237	379221	29.109	ng/ul	100
41) 2,4,6-Trichlorophenol	12.998	196	428457	36.672	ng/ul	99
42) 2,4,5-Trichlorophenol	13.063	196	475573	36.515	ng/ul	98
43) 1,1'-Biphenyl	13.398	154	1702524	34.688	ng/ul#	97
44) 2-Chloronaphthalene	13.440	162	1310498	34.631	ng/ul	92
45) 2-Nitroaniline	13.640	65	328623	42.728	ng/ul#	83
47) Dimethylphthalate	14.016	163	1596254	34.666	ng/ul	98
48) 2,6-Dinitrotoluene	14.134	165	296274	38.526	ng/ul#	80
50) Acenaphthylene	14.281	152	1955824	32.599	ng/ul	99
51) 3-Nitroaniline	14.457	138	310711	35.246	ng/ul	87
52) Acenaphthene	14.622	153	1401565	35.279	ng/ul	99
53) 2,4-Dinitrophenol	14.663	184	145561	33.694	ng/ul#	76
55) 4-Nitrophenol	14.757	109	220898	37.888	ng/ul#	82
56) Dibenzofuran	14.957	168	1976623	34.479	ng/ul	88
57) 2,4-Dinitrotoluene	14.916	165	434672	39.552	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.181	232	379741	36.184	ng/ul#	78
59) Diethylphthalate	15.381	149	1566387	34.938	ng/ul	95
61) Fluorene	15.604	166	1599540	35.006	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.604	204	788623	33.855	ng/ul#	81
63) 4-Nitroaniline	15.622	138	348095	39.551	ng/ul#	82
66) 4,6-Dinitro-2-methylph...	15.681	198	237307	36.981	ng/ul#	75
67) N-Nitrosodiphenylamine	15.816	169	1370730	36.530	ng/ul	99
68) 4-Bromophenyl-phenylether	16.498	248	465703	34.574	ng/ul#	84
69) Hexachlorobenzene	16.610	284	530501	33.965	ng/ul#	89
70) Atrazine	16.769	200	472743	33.268	ng/ul	94
71) Pentachlorophenol	16.957	266	310782	34.739	ng/ul	97
72) Phenanthrene	17.351	178	2524949	35.576	ng/ul	99
74) Anthracene	17.445	178	2563973	36.345	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.363	216	710038	35.558	ng/uL	99
76) Pentachlorobenzene	14.881	250	639457	33.082	ng/uL	99
77) Carbazole	17.710	167	2299280	36.673	ng/ul	97
78) Di-n-butylphthalate	18.263	149	2536273	35.693	ng/ul	98
80) Fluoranthene	19.316	202	2942112	35.086	ng/ul	94
82) Pyrene	19.669	202	3081957	35.833	ng/ul	94
83) Butylbenzylphthalate	20.539	149	1082085	36.131	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.310	252	963935	32.269	ng/ul#	98
85) Benzo(a)anthracene	21.374	228	2985261	35.616	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.304	149	1657767	37.130	ng/ul#	96
87) Chrysene	21.427	228	2888730	34.827	ng/ul	100
89) Di-n-octyl phthalate	22.239	149	2827983	37.436	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	3070978	35.907	ng/ul	98
91) Benzo(k)fluoranthene	23.127	252	3091746	38.619	ng/ul	98
93) Benzo(a)pyrene	23.721	252	2806091	34.101	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.380	276	3563958	37.335	ng/ul	98
95) Dibenzo(a,h)anthracene	26.398	278	3030279	36.690	ng/ul	97
96) Benzo(g,h,i)perylene	27.156	276	2952729	36.066	ng/ul	97

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