Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049643.D
Acq On : 5 Aug 2021 10:29
Operator : CG/JU
Sample : PB138046BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 05 11:05:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS046

Manual Integrations APPROVED
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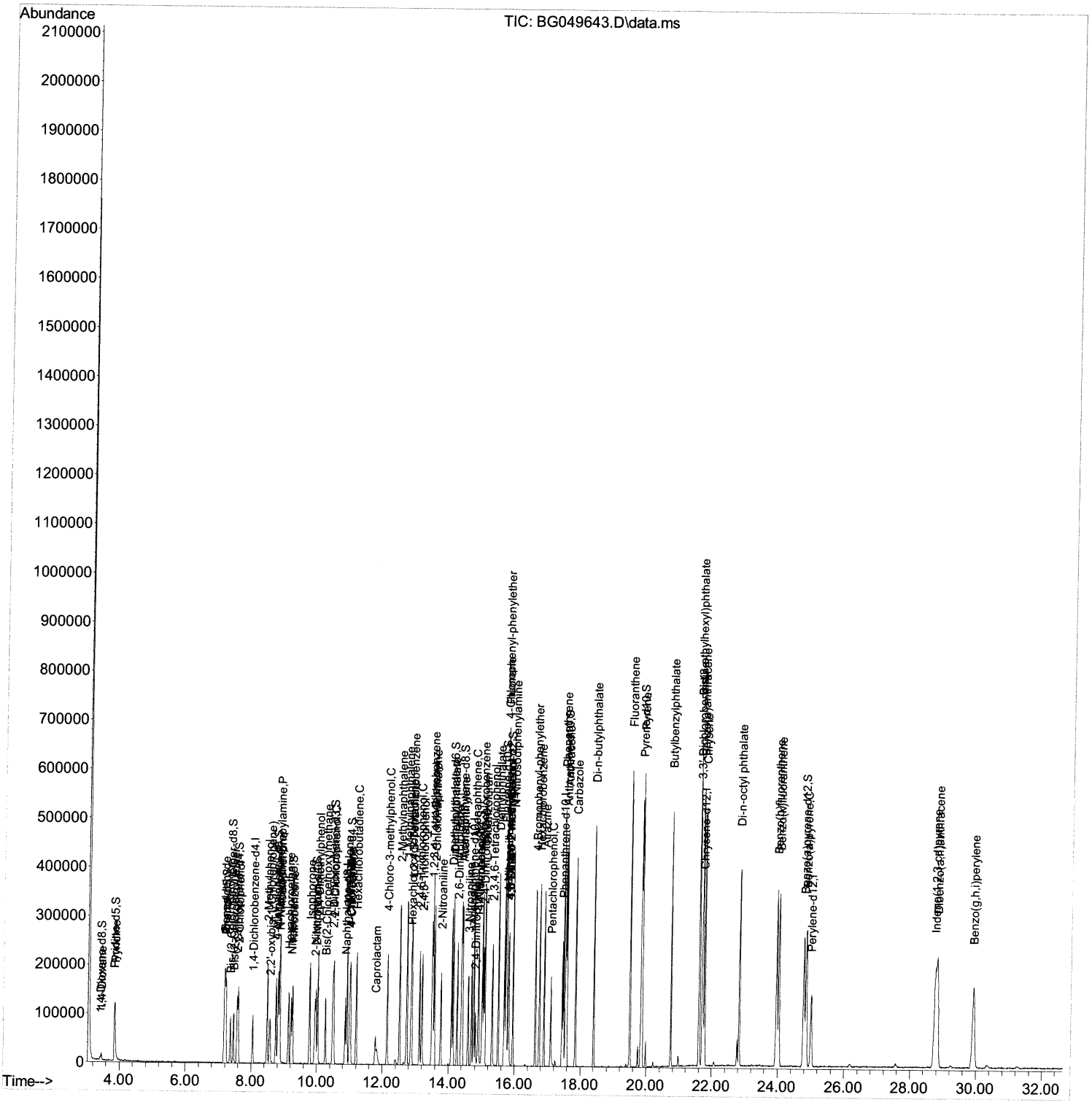

Quantitation Report (Qedit)

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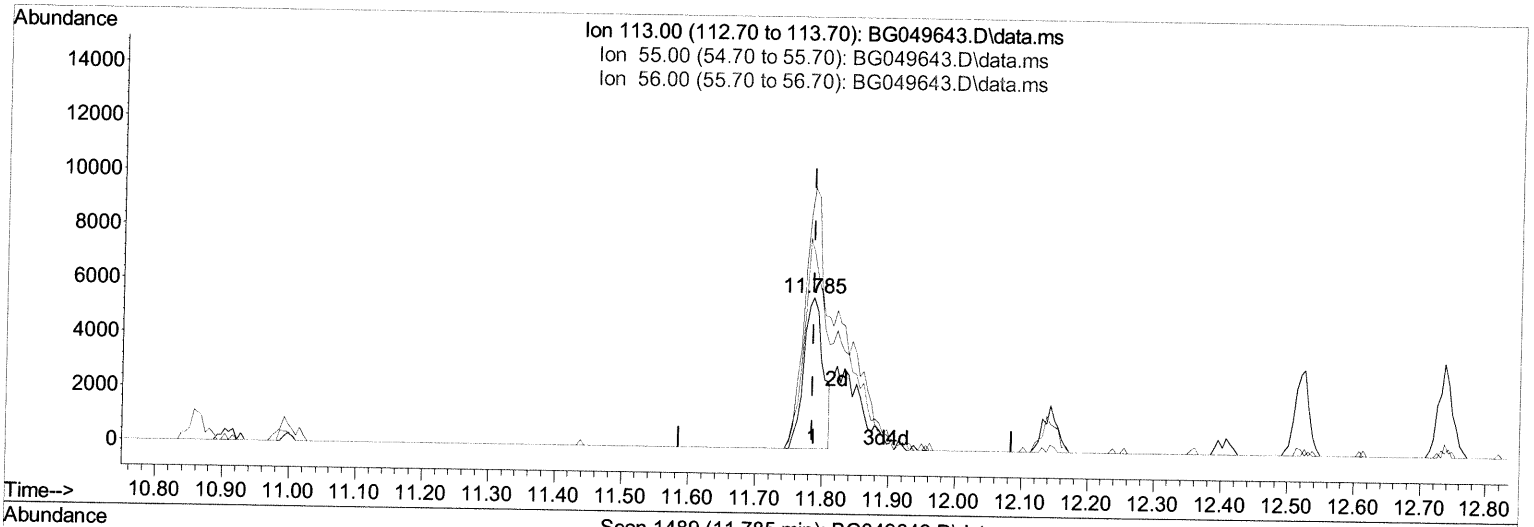

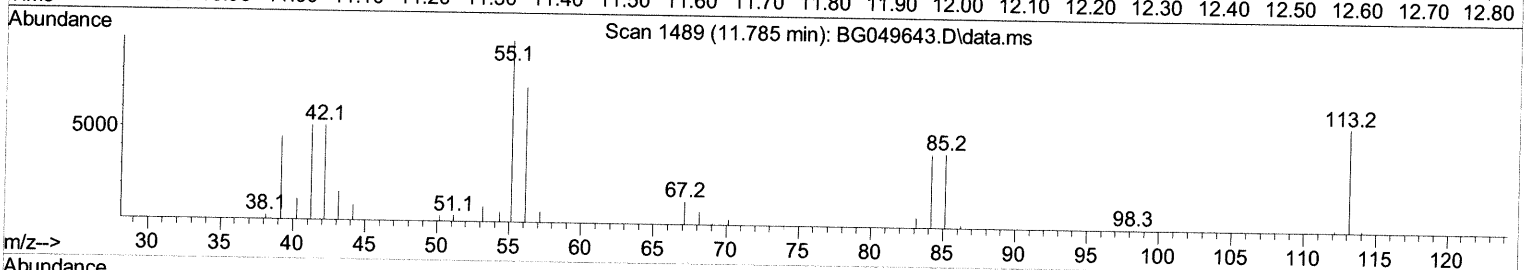

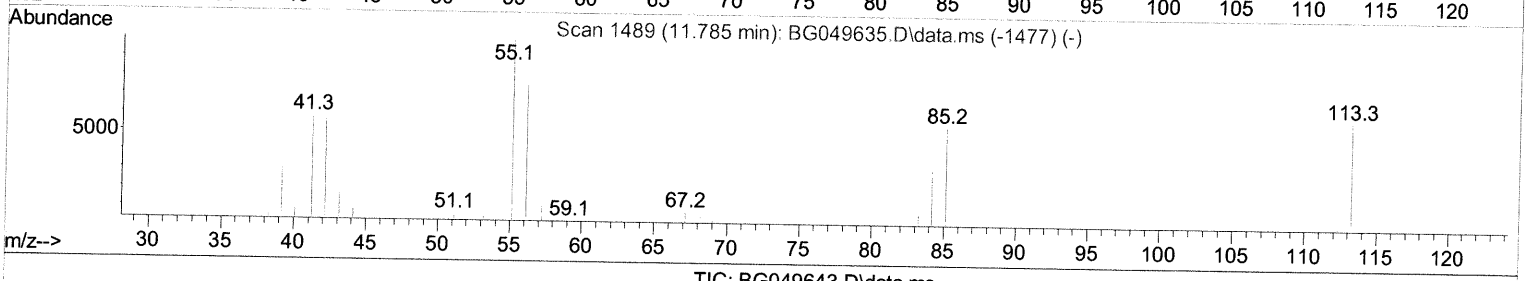

TIC: BG049643.D\data.ms

(34) Caprolactam

11.785min (+ 0.000) 20.32 ng/ul

response 11258

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.90	172.42
56.00	125.20	129.66
0.00	0.00	0.00

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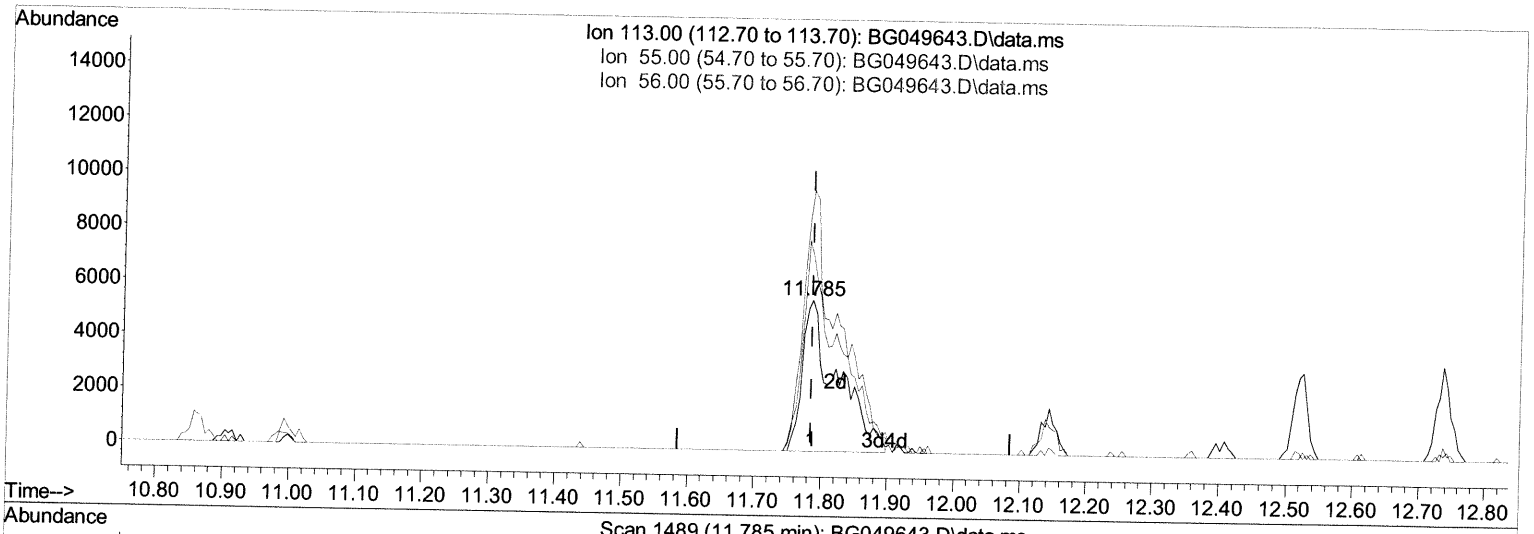

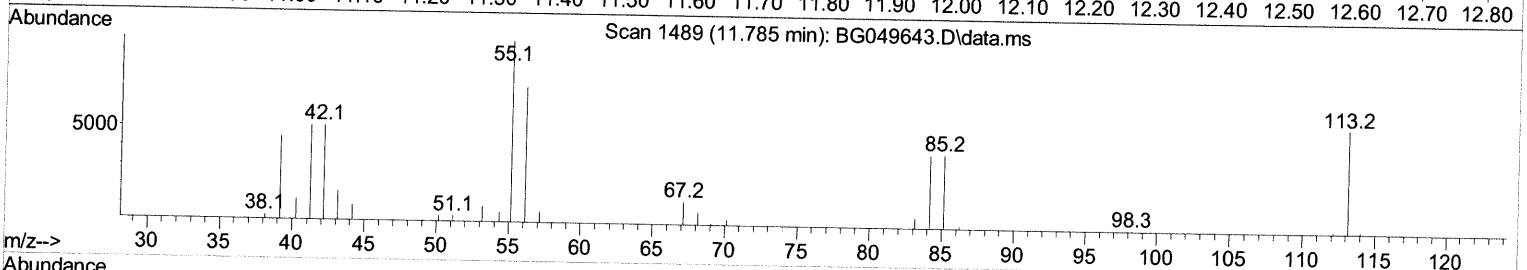

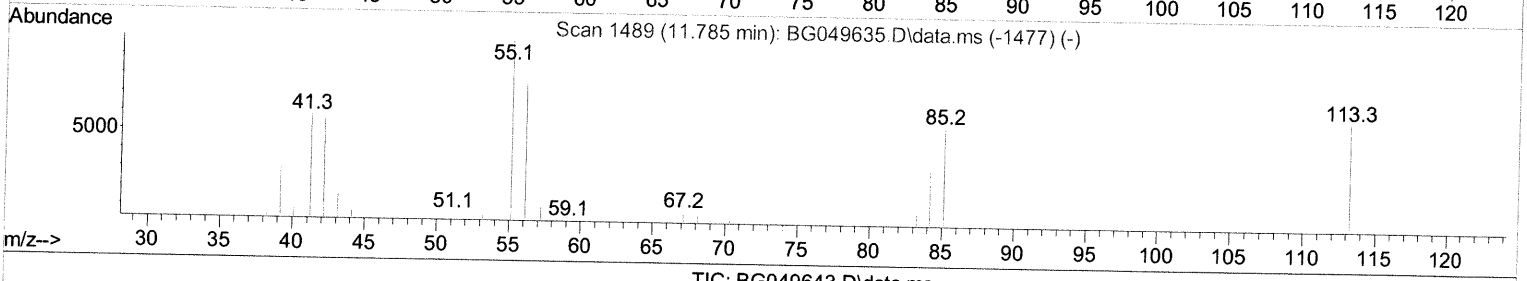

TIC: BG049643.D\data.ms

(34) Caprolactam

11.785min (+ 0.000) 36.36 ng/ul m 08/04/21 JU

response 20148

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.90	172.42
56.00	125.20	129.66
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.043	152	26392	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	108013	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.699	164	75889	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	163727	20.000	ng/ul	0.00
79) Chrysene-d12	21.731	240	153825	20.000	ng/ul	0.00
88) Perylene-d12	25.003	264	161402	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.426	96	3826	6.778	ng/uL	0.00
4) Pyridine-d5	3.843	84	53407	31.528	ng/ul	0.00
7) Phenol-d5	7.197	99	78450	32.753	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.362	67	43615	31.701	ng/ul	0.00
11) 2-Chlorophenol-d4	7.567	132	57832	33.735	ng/ul	0.00
15) 4-Methylphenol-d8	8.754	113	58671	32.126	ng/ul	0.00
21) Nitrobenzene-d5	9.212	128	28602	33.616	ng/ul	0.00
24) 2-Nitrophenol-d4	9.941	143	33523	34.500	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	60484	33.012	ng/ul	0.00
31) 4-Chloroaniline-d4	10.998	131	79484	31.689	ng/ul	0.00
46) Dimethylphthalate-d6	14.094	166	197803	33.214	ng/ul	0.00
49) Acenaphthylene-d8	14.388	160	234987	33.165	ng/ul	0.00
54) 4-Nitrophenol-d4	14.893	143	31488	32.702	ng/ul	0.00
60) Fluorene-d10	15.686	176	167452	32.711	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	37618	34.137	ng/ul	0.00
73) Anthracene-d10	17.548	188	265780	34.389	ng/ul	0.00
81) Pyrene-d10	19.833	212	312705	36.895	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.779	264	295470	33.410	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.461	88	9003	13.161	ng/uL	94
5) Pyridine	3.867	79	58980	31.405	ng/ul	98
6) Benzaldehyde	7.174	77	54206	42.464	ng/ul	87
8) Phenol	7.221	94	81887	34.508	ng/ul#	93
10) Bis(2-Chloroethyl)ether	7.456	93	54737	33.248	ng/ul	92
12) 2-Chlorophenol	7.603	128	59154	34.504	ng/ul#	89
13) 2-Methylphenol	8.484	108	60671	32.652	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.572	45	62493	33.214	ng/ul#	91
16) Acetophenone	8.872	105	106292	35.068	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.848	70	55856	34.278	ng/ul#	92
18) 4-Methylphenol	8.813	108	66018	34.009	ng/ul	91
19) Hexachloroethane	9.130	117	26291	34.580	ng/ul	90
22) Nitrobenzene	9.253	77	88952	35.254	ng/ul	98
23) Isophorone	9.776	82	149675	35.080	ng/ul	97
25) 2-Nitrophenol	9.970	139	35938	36.108	ng/ul#	88
26) 2,4-Dimethylphenol	10.029	107	81867	35.643	ng/ul	89
27) Bis(2-Chloroethoxy)met...	10.258	93	75079	34.731	ng/ul	93
29) 2,4-Dichlorophenol	10.505	162	61874	35.704	ng/ul#	93
30) Naphthalene	10.916	128	199272	35.327	ng/ul	99
32) 4-Chloroaniline	11.022	127	76522	31.882	ng/ul	96
33) Hexachlorobutadiene	11.198	225	49738	34.941	ng/ul	95
34) Caprolactam	11.785	113	20148m >	36.365	ng/ul >	08/09/21 JU
35) 4-Chloro-3-methylphenol	12.144	107	72889	36.293	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.520	142	149394	34.589	ng/ul	99
37) 1-Methylnaphthalene	12.737	142	143917	34.243	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.890	216	80532	34.169	ng/ul	98
40) Hexachlorocyclopentadiene	12.866	237	43419	31.234	ng/ul	96
41) 2,4,6-Trichlorophenol	13.125	196	52212	34.618	ng/ul#	97
42) 2,4,5-Trichlorophenol	13.201	196	58107	35.905	ng/ul	97
43) 1,1'-Biphenyl	13.524	154	197588	34.952	ng/ul	97
44) 2-Chloronaphthalene	13.571	162	153306	34.642	ng/ul	97
45) 2-Nitroaniline	13.777	65	56761	36.433	ng/ul	97
47) Dimethylphthalate	14.141	163	203559	34.436	ng/ul	98
48) 2,6-Dinitrotoluene	14.264	165	42704	35.372	ng/ul	97
50) Acenaphthylene	14.417	152	226867	33.936	ng/ul	99
51) 3-Nitroaniline	14.599	138	40730	37.895	ng/ul#	96
52) Acenaphthene	14.758	153	162799	34.095	ng/ul	96
53) 2,4-Dinitrophenol	14.805	184	23327	35.069	ng/ul	90
55) 4-Nitrophenol	14.905	109	45637	36.242	ng/ul	91
56) Dibenzofuran	15.093	168	221629	33.458	ng/ul	97
57) 2,4-Dinitrotoluene	15.057	165	60623	34.812	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.322	232	48792	36.587	ng/ul#	95
59) Diethylphthalate	15.504	149	211824	35.541	ng/ul	96
61) Fluorene	15.745	166	188921	35.072	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.733	204	98043	33.431	ng/ul	99
63) 4-Nitroaniline	15.762	138	41870	41.665	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.821	198	35652	34.526	ng/ul#	97
67) N-Nitrosodiphenylamine	15.944	169	160439	35.554	ng/ul	96
68) 4-Bromophenyl-phenylether	16.632	248	68685	36.065	ng/ul	98
69) Hexachlorobenzene	16.755	284	78818	36.558	ng/ul	97
70) Atrazine	16.896	200	71155	35.845	ng/ul	97
71) Pentachlorophenol	17.096	266	34140	33.064	ng/ul	99
72) Phenanthrene	17.489	178	306787	35.402	ng/ul	97
74) Anthracene	17.583	178	305474	35.239	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.495	216	85159	35.411	ng/uL	98
76) Pentachlorobenzene	15.016	250	90209	35.568	ng/uL	97
77) Carbazole	17.848	167	271669	35.071	ng/ul	99
78) Di-n-butylphthalate	18.400	149	334591	35.328	ng/ul	99
80) Fluoranthene	19.498	202	379623	36.294	ng/ul	99
82) Pyrene	19.863	202	370474	35.511	ng/ul	98
83) Butylbenzylphthalate	20.738	149	142968	35.960	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.619	252	134531	36.942	ng/ul	100
85) Benzo(a)anthracene	21.707	228	355906	35.240	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.607	149	209118	35.907	ng/ul	99
87) Chrysene	21.778	228	339109	35.952	ng/ul	100
89) Di-n-octyl phthalate	22.835	149	350424	34.807	ng/ul	100
90) Benzo(b)fluoranthene	23.969	252	390739	37.039	ng/ul	99
91) Benzo(k)fluoranthene	24.033	252	370159	35.338	ng/ul	98
93) Benzo(a)pyrene	24.850	252	337662	36.359	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.756	276	440448	36.140	ng/ul#	95
95) Dibenzo(a,h)anthracene	28.815	278	368124	36.208	ng/ul	99
96) Benzo(g,h,i)perylene	29.925	276	363911	35.907	ng/ul	97

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