Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030740.D
Acq On : 01 Jul 2021 13:10
Operator : CG/JU
Sample : PB137426BS
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Jul 01 13:42:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 01 05:56:56 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS426

Manual Integrations APPROVED
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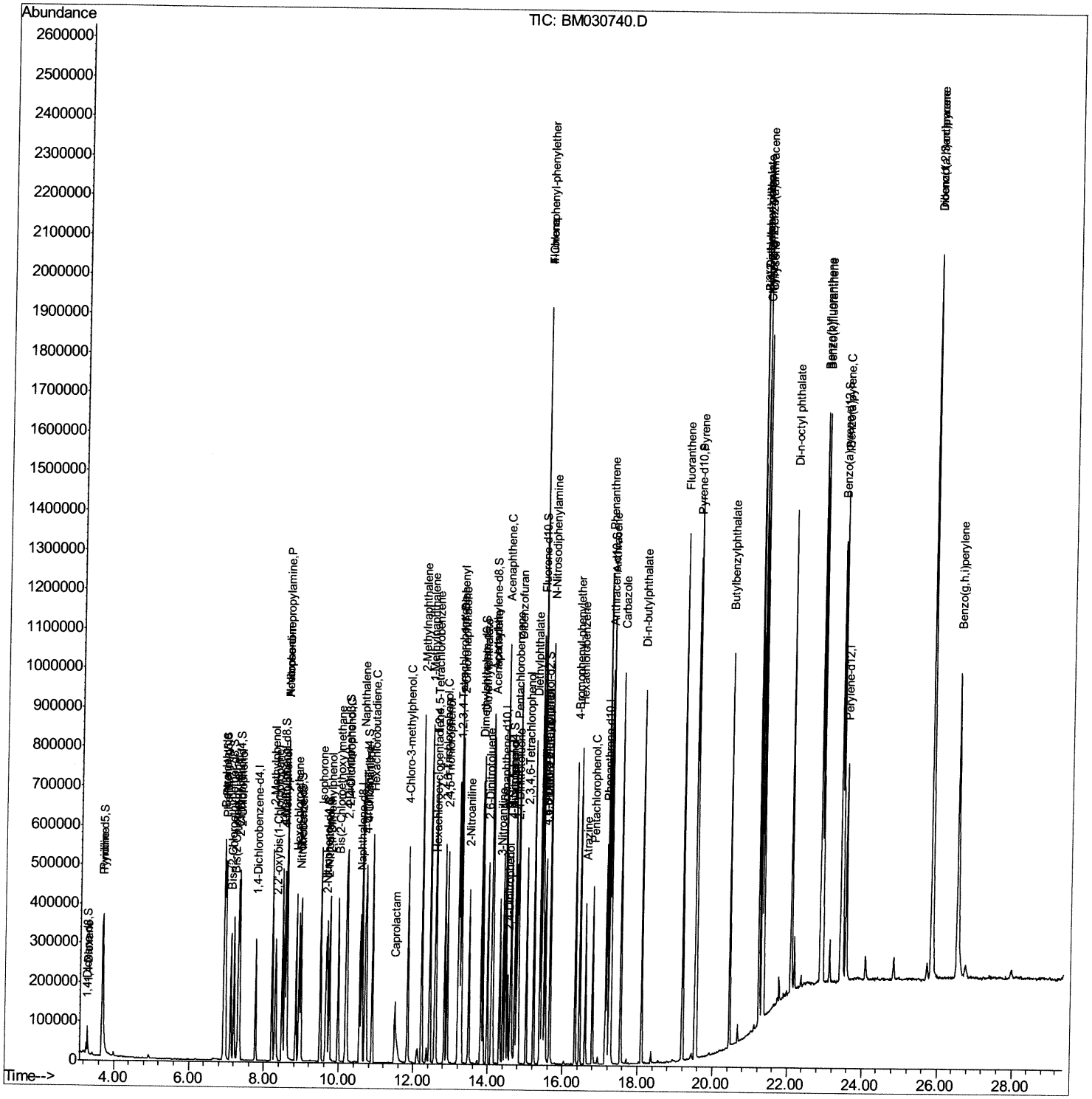

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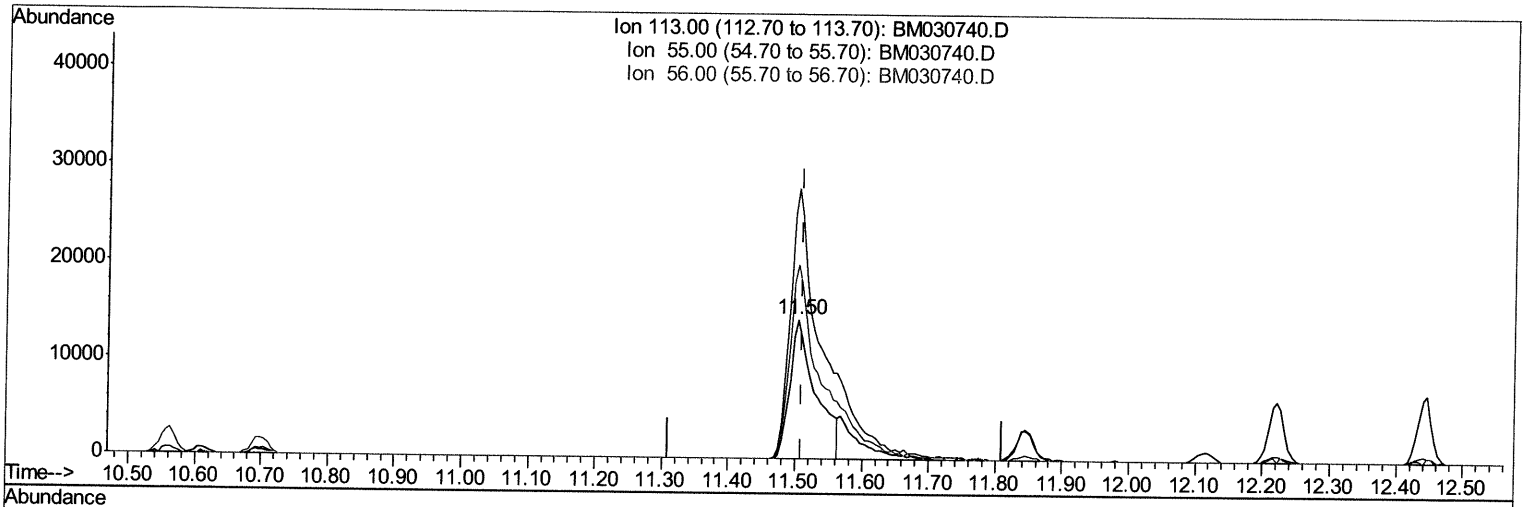

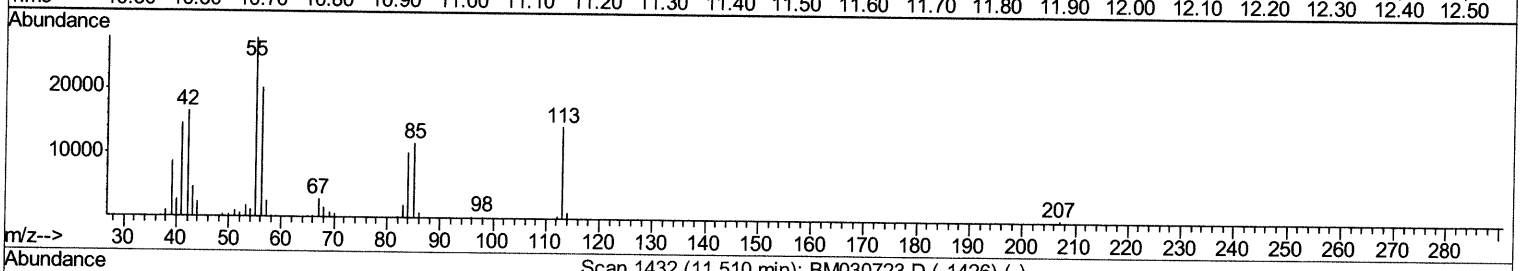

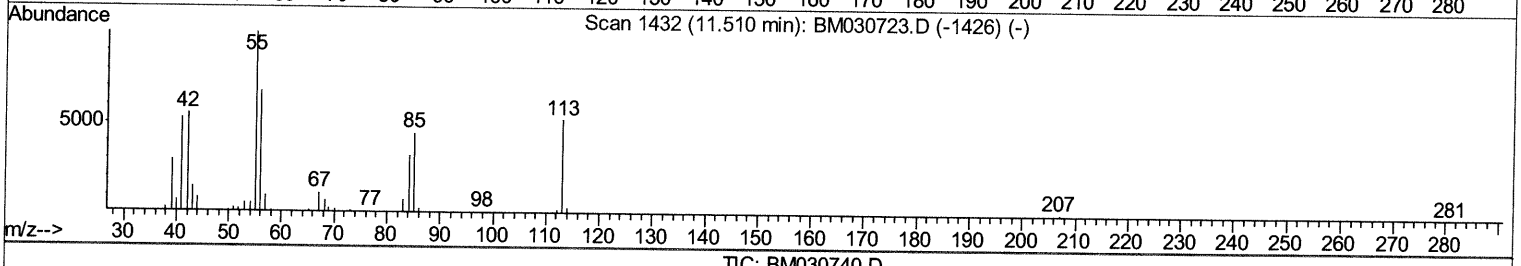

TIC: BM030740.D

(34) Caprolactam

11.504min (-0.006) 28.87ng/ul

response 38815

Ion	Exp%	Act%
113.00	100	100
55.00	194.00	194.39
56.00	127.40	139.79
0.00	0.00	0.00

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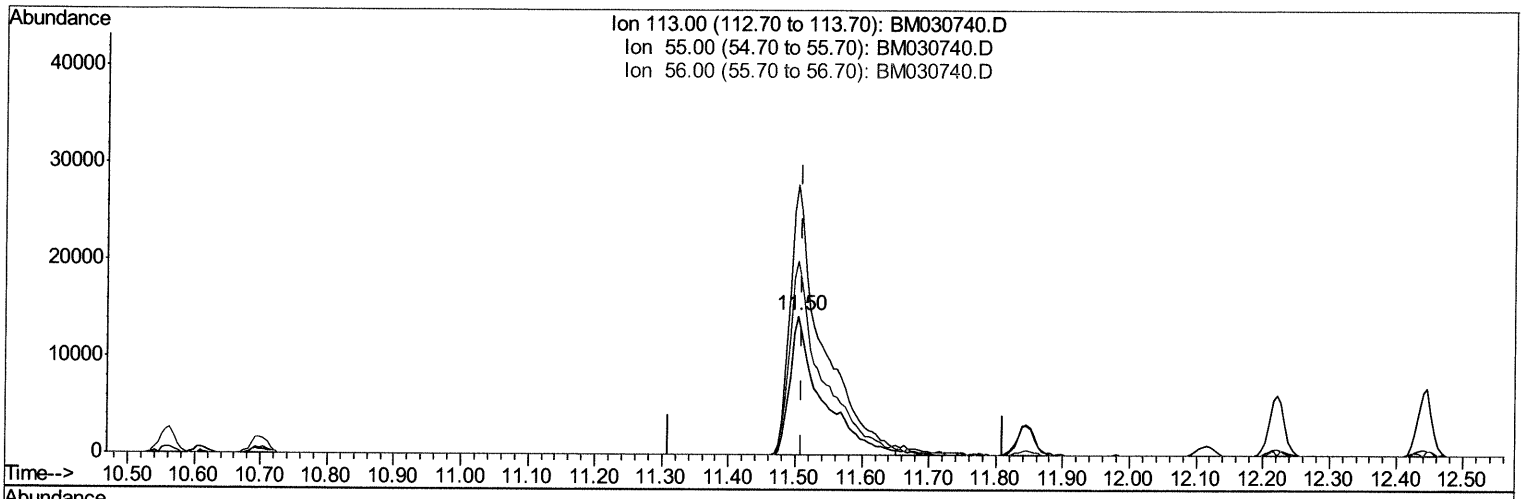

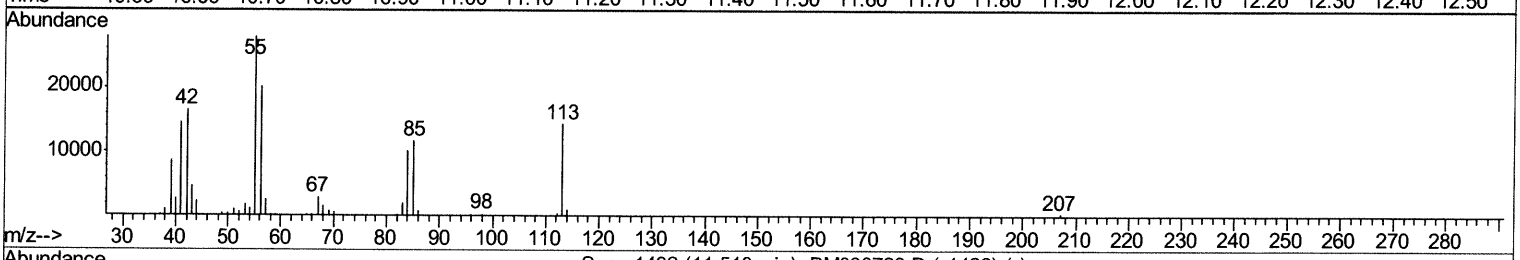

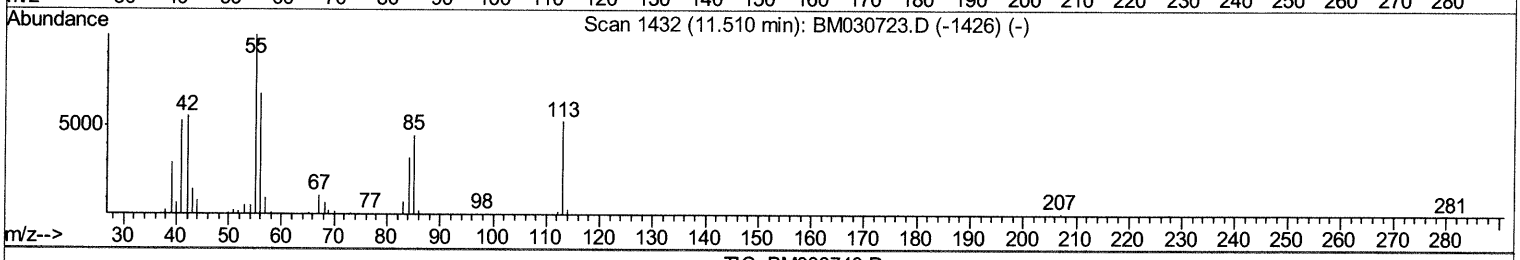

TIC: BM030740.D

(34) Caprolactam

11.504min (-0.006) 35.50ng/ul m 07/07/21 JU

response 47732

Ion	Exp%	Act%
113.00	100	100
55.00	194.00	194.39
56.00	127.40	139.79
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	78175	20.00	ng/ul	0.00
20) Naphthalene-d8	10.56	136	304366	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.40	164	176032	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.14	188	327252	20.00	ng/ul	0.00
79) Chrysene-d12	21.31	240	346954	20.00	ng/ul	0.00
88) Perylene-d12	23.56	264	367055	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	12929	6.70	ng/uL	0.00
4) Pyridine-d5	3.67	84	146896	28.35	ng/ul	0.00
7) Phenol-d5	6.95	99	231527	34.34	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.11	67	146280	34.52	ng/ul	0.00
11) 2-Chlorophenol-d4	7.31	132	189020	36.32	ng/ul	0.00
15) 4-Methylphenol-d8	8.48	113	171678	32.72	ng/ul	0.00
21) Nitrobenzene-d5	8.93	128	85200	37.51	ng/ul	0.00
24) 2-Nitrophenol-d4	9.65	143	92527	36.66	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.18	165	177422	36.69	ng/ul	0.00
31) 4-Chloroaniline-d4	10.70	131	207696	30.80	ng/ul	0.00
46) Dimethylphthalate-d6	13.82	166	461723	37.99	ng/ul	0.00
49) Acenaphthylene-d8	14.10	160	608499	38.57	ng/ul	0.00
54) 4-Nitrophenol-d4	14.60	143	80881	35.12	ng/ul	0.00
60) Fluorene-d10	15.40	176	405119	37.58	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.52	200	72908	34.05	ng/ul	0.00
73) Anthracene-d10	17.24	188	564538	36.96	ng/ul	0.00
81) Pyrene-d10	19.53	212	636401	35.01	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.42	264	795806	41.70	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	32758	15.973	ng/uL	97
5) Pyridine	3.69	79	172465	30.925	ng/ul	96
6) Benzaldehyde	6.92	77	142674	43.522	ng/ul	95
8) Phenol	6.97	94	238158	34.935	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.20	93	180463	33.587	ng/ul	99
12) 2-Chlorophenol	7.34	128	188674	35.977	ng/ul	98
13) 2-Methylphenol	8.22	108	164440	33.287	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.30	45	291383	34.212	ng/ul	99
16) Acetophenone	8.60	105	280293	34.594	ng/ul	100
17) N-Nitroso-di-n-propylamine	8.59	70	141805	35.383	ng/ul	98
18) 4-Methylphenol	8.55	108	180389	33.531	ng/ul	99
19) Hexachloroethane	8.85	117	77236	35.149	ng/ul	99
22) Nitrobenzene	8.97	77	218158	38.076	ng/ul	98
23) Isophorone	9.50	82	365592	36.847	ng/ul	99
25) 2-Nitrophenol	9.68	139	99439	37.104	ng/ul	96
26) 2,4-Dimethylphenol	9.74	107	136376	25.176	ng/ul	100
27) Bis(2-Chloroethoxy)methane	9.97	93	228638	35.419	ng/ul	99
29) 2,4-Dichlorophenol	10.21	162	172257	37.187	ng/ul	99
30) Naphthalene	10.61	128	562239	36.485	ng/ul	100
32) 4-Chloroaniline	10.72	127	208247	31.109	ng/ul	99
33) Hexachlorobutadiene	10.89	225	115201	36.781	ng/ul	98
34) Caprolactam	11.50	113	47732m >	35.502	ng/ul >	

07/07/21 JU

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.85	107	173729	38.196	ng/ul	98
36) 2-Methylnaphthalene	12.22	142	390365	36.300	ng/ul	99
37) 1-Methylnaphthalene	12.44	142	381407	35.039	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	210023	38.242	ng/ul	99
40) Hexachlorocyclopentadiene	12.57	237	85429	23.838	ng/ul	99
41) 2,4,6-Trichlorophenol	12.83	196	126615	36.607	ng/ul	96
42) 2,4,5-Trichlorophenol	12.91	196	138804	37.603	ng/ul	99
43) 1,1'-Biphenyl	13.24	154	499796	38.470	ng/ul	99
44) 2-Chloronaphthalene	13.28	162	396296	38.800	ng/ul	99
45) 2-Nitroaniline	13.49	65	117075	42.652	ng/ul	99
47) Dimethylphthalate	13.86	163	468916	39.375	ng/ul	99
48) 2,6-Dinitrotoluene	13.99	165	97234	42.375	ng/ul	96
50) Acenaphthylene	14.13	152	565358	38.631	ng/ul	100
51) 3-Nitroaniline	14.32	138	98132	40.147	ng/ul	99
52) Acenaphthene	14.47	153	413387	38.922	ng/ul	98
53) 2,4-Dinitrophenol	14.53	184	47174	31.273	ng/ul	99
55) 4-Nitrophenol	14.62	109	71735	38.940	ng/ul	97
56) Dibenzofuran	14.80	168	575875	38.894	ng/ul	97
57) 2,4-Dinitrotoluene	14.77	165	133495	41.551	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.03	232	105307	35.241	ng/ul	98
59) Diethylphthalate	15.23	149	446915	39.065	ng/ul	99
61) Fluorene	15.45	166	474537	38.889	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.44	204	237665	39.109	ng/ul	98
63) 4-Nitroaniline	15.47	138	102317	43.957	ng/ul	89
66) 4,6-Dinitro-2-methylphenol	15.54	198	71973	34.543	ng/ul	99
67) N-Nitrosodiphenylamine	15.66	169	391208	40.110	ng/ul	99
68) 4-Bromophenyl-phenylether	16.34	248	137718	41.243	ng/ul	99
69) Hexachlorobenzene	16.46	284	156338	40.477	ng/ul	98
70) Atrazine	16.61	200	71332	20.620	ng/ul	98
71) Pentachlorophenol	16.80	266	76289	31.521	ng/ul	96
72) Phenanthrene	17.19	178	704319	40.077	ng/ul	100
74) Anthracene	17.27	178	683773	38.054	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.20	216	208921	40.027	ng/uL	99
76) Pentachlorobenzene	14.73	250	191002	38.416	ng/uL	99
77) Carbazole	17.54	167	628646	39.015	ng/ul	99
78) Di-n-butylphthalate	18.11	149	675601	41.149	ng/ul	99
80) Fluoranthene	19.20	202	786000	35.400	ng/ul	98
82) Pyrene	19.56	202	834380	35.764	ng/ul	99
83) Butylbenzylphthalate	20.46	149	292259	38.057	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.23	252	252662	36.943	ng/ul	97
85) Benzo(a)anthracene	21.30	228	853734	39.650	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.23	149	413260	37.414	ng/ul	99
87) Chrysene	21.35	228	848871	40.441	ng/ul	98
89) Di-n-octyl phthalate	22.10	149	737339	34.920	ng/ul	100
90) Benzo(b)fluoranthene	22.89	252	980867	42.091	ng/ul	99
91) Benzo(k)fluoranthene	22.93	252	940129	41.978	ng/ul	99
93) Benzo(a)pyrene	23.47	252	894347	42.682	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.85	276	1242853	47.115	ng/ul	99
95) Dibenzo(a,h)anthracene	25.86	278	1044277	47.754	ng/ul	98
96) Benzo(g,h,i)perylene	26.54	276	1015084	46.122	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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