Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062121\
Data File : BM030499.D
Acq On : 21 Jun 2021 11:11
Operator : CG/JU
Sample : PB137167BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 21 11:59:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 21 10:48:13 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS167

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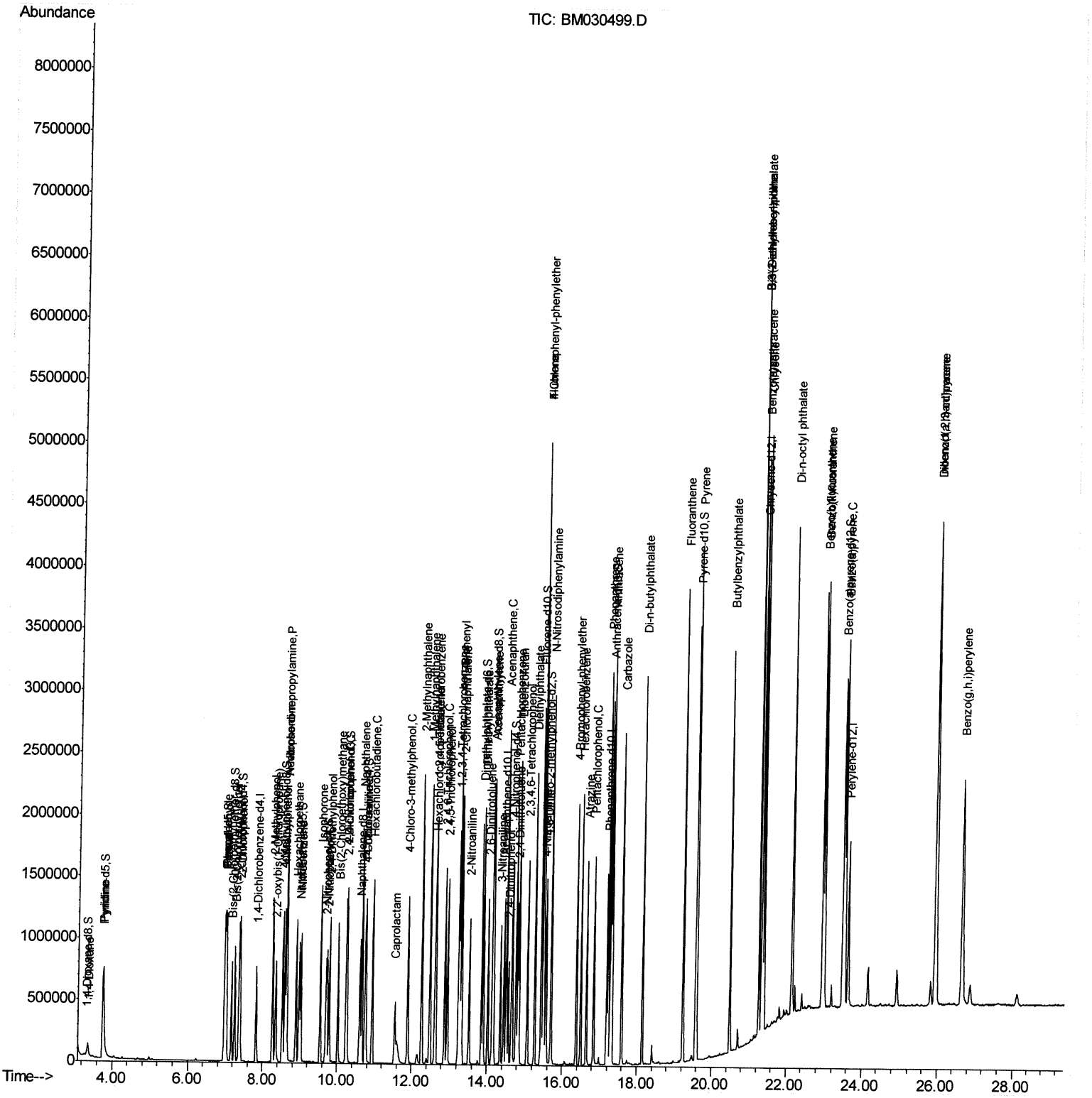

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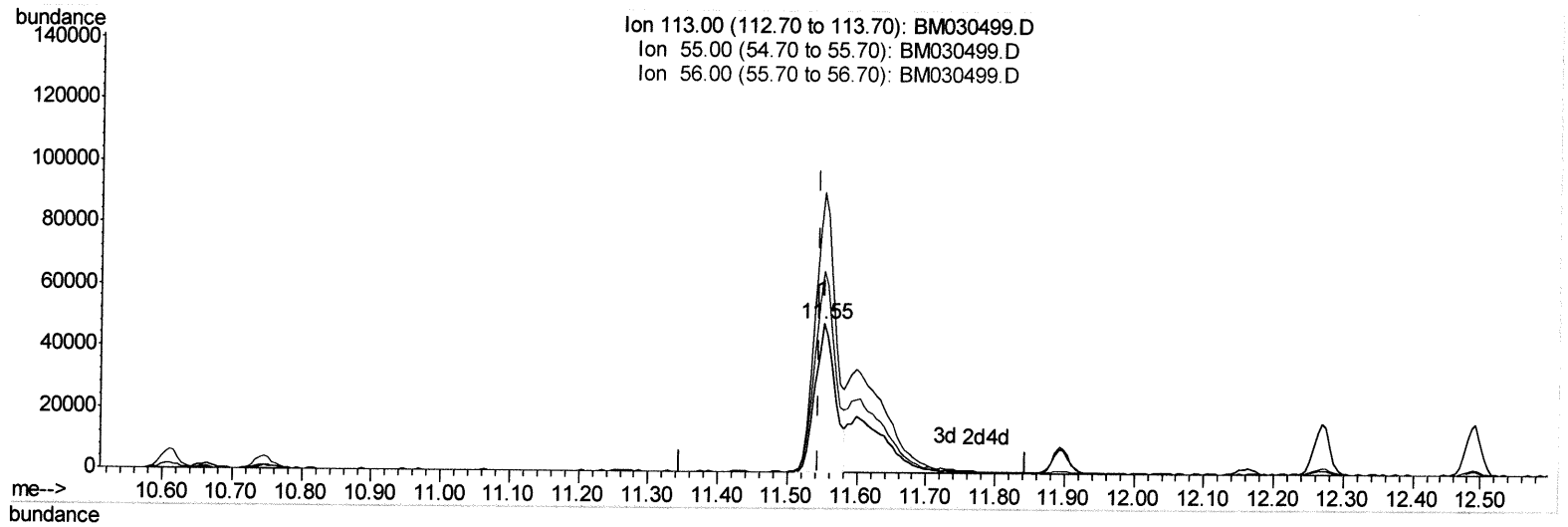
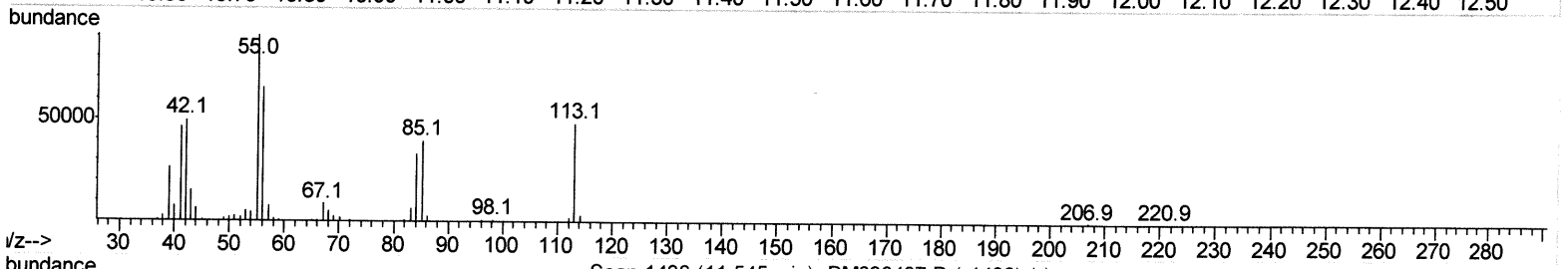
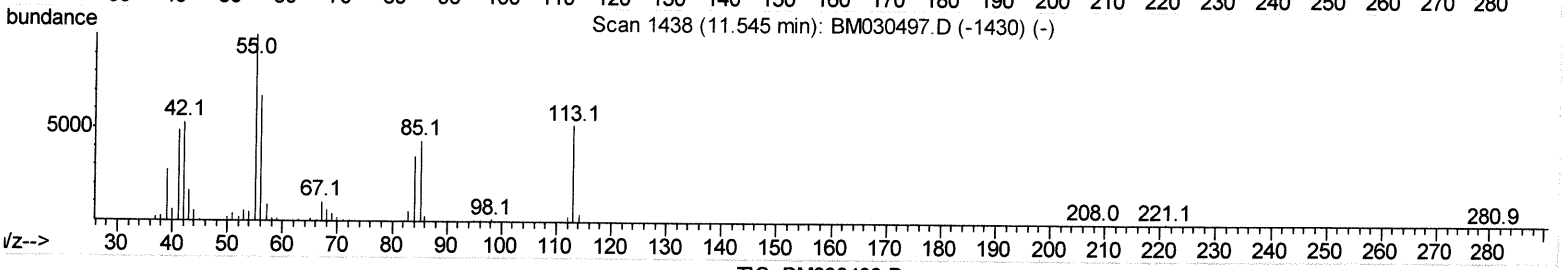




Scan 1438 (11.545 min): BM030497.D (-1430) (-)



TIC: BM030499.D

(34) Caprolactam

11.551min (+0.006) 25.65ng/ul

response 96131

Ion	Exp%	Act%
113.00	100	100
55.00	187.90	188.50
56.00	138.60	135.78
0.00	0.00	0.00

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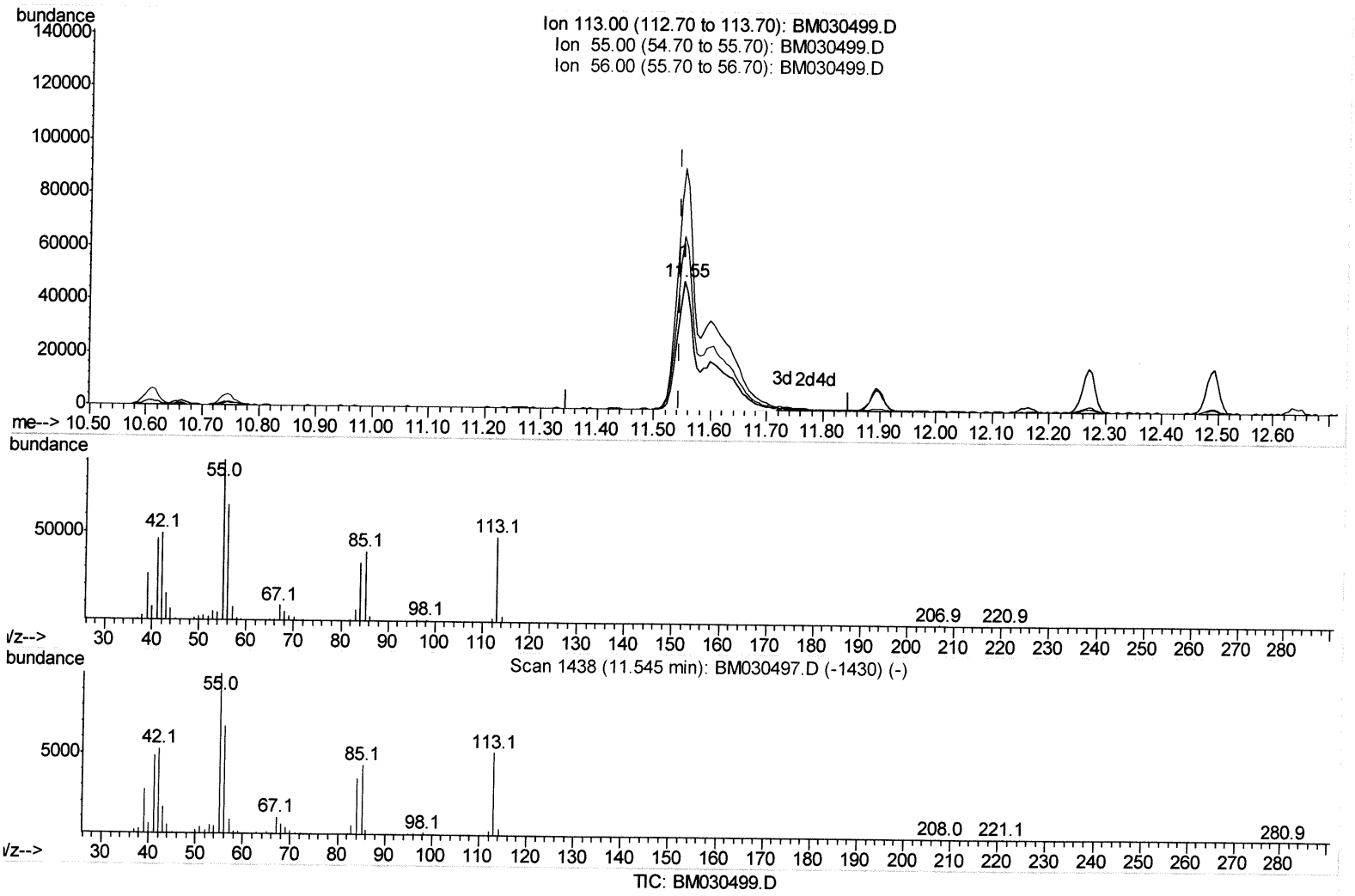

(34) Caprolactam

11.551min (+0.006) 44.25ng/ul m JR 6/23/21

response 165824

Ion	Exp%	Act%
113.00	100	100
55.00	187.90	188.50
56.00	138.60	135.78
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	7.83	152	216034	20.00	ng/ul	0.00
20) Naphthalene-d8	10.61	136	811632	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.45	164	471313	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.19	188	911620	20.00	ng/ul	0.00
79) Chrysene-d12	21.36	240	932037	20.00	ng/ul	0.00
88) Perylene-d12	23.63	264	890786	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	33086	5.85	ng/uL	0.00
4) Pyridine-d5	3.75	84	384205	25.84	ng/ul	0.00
7) Phenol-d5	7.00	99	606879	32.32	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.16	67	387722	32.00	ng/ul	0.00
11) 2-Chlorophenol-d4	7.36	132	507060	37.34	ng/ul	0.00
15) 4-Methylphenol-d8	8.53	113	462158	30.82	ng/ul	0.00
21) Nitrobenzene-d5	8.98	128	226960	40.85	ng/ul	0.00
24) 2-Nitrophenol-d4	9.70	143	259341	47.00	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.23	165	487368	40.55	ng/ul	0.00
31) 4-Chloroaniline-d4	10.75	131	576637	31.38	ng/ul	0.00
46) Dimethylphthalate-d6	13.86	166	1274325	39.40	ng/ul	0.00
49) Acenaphthylene-d8	14.14	160	1654441	40.94	ng/ul	0.00
54) 4-Nitrophenol-d4	14.66	143	226092	37.34	ng/ul	0.01
60) Fluorene-d10	15.44	176	1117125	38.58	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.56	200	218366	41.50	ng/ul	0.00
73) Anthracene-d10	17.29	188	1589788	38.34	ng/ul	0.00
81) Pyrene-d10	19.57	212	1784552	36.58	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.49	264	1930519	43.46	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	81660	14.240	ng/uL	95
5) Pyridine	3.76	79	427737	27.254	ng/ul	88
6) Benzaldehyde	6.97	77	374949	42.609	ng/ul	94
8) Phenol	7.03	94	613885	32.281	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.25	93	488428	31.813	ng/ul	99
12) 2-Chlorophenol	7.39	128	502765	35.891	ng/ul	98
13) 2-Methylphenol	8.26	108	445461	31.501	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.35	45	758278	30.663	ng/ul	99
16) Acetophenone	8.65	105	736678	31.071	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.63	70	332637	28.865	ng/ul	97
18) 4-Methylphenol	8.59	108	475721	30.508	ng/ul	97
19) Hexachloroethane	8.90	117	215442	36.349	ng/ul	97
22) Nitrobenzene	9.02	77	558468	39.157	ng/ul	99
23) Isophorone	9.55	82	990437	37.980	ng/ul	99
25) 2-Nitrophenol	9.73	139	272291	44.548	ng/ul	99
26) 2,4-Dimethylphenol	9.79	107	389992	28.183	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.02	93	627222	36.125	ng/ul	98
29) 2,4-Dichlorophenol	10.26	162	460596	39.353	ng/ul	98
30) Naphthalene	10.66	128	1481890	36.020	ng/ul	100
32) 4-Chloroaniline	10.77	127	565902	30.770	ng/ul	97
33) Hexachlorobutadiene	10.95	225	311411	41.808	ng/ul	96
34) Caprolactam	11.55	113	165824m>	44.247	ng/ul	>

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.90	107	457717	38.428	ng/ul	99
36) 2-Methylnaphthalene	12.27	142	1054275	36.021	ng/ul	99
37) 1-Methylnaphthalene	12.49	142	1013623	34.120	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.64	216	575095	41.971	ng/ul	99
40) Hexachlorocyclopentadiene	12.62	237	267935	30.946	ng/ul	98
41) 2,4,6-Trichlorophenol	12.88	196	363035	44.100	ng/ul	98
42) 2,4,5-Trichlorophenol	12.96	196	395019	44.052	ng/ul	99
43) 1,1'-Biphenyl	13.28	154	1343310	39.119	ng/ul	98
44) 2-Chloronaphthalene	13.32	162	1062184	40.081	ng/ul	99
45) 2-Nitroaniline	13.53	65	307223	46.374	ng/ul	100
47) Dimethylphthalate	13.90	163	1288046	40.765	ng/ul	100
48) 2,6-Dinitrotoluene	14.03	165	269521	47.600	ng/ul	93
50) Acenaphthylene	14.17	152	1512942	39.201	ng/ul	100
51) 3-Nitroaniline	14.36	138	269676	41.774	ng/ul	99
52) Acenaphthene	14.52	153	1113303	38.827	ng/ul	99
53) 2,4-Dinitrophenol	14.56	184	171987	45.517	ng/ul	98
55) 4-Nitrophenol	14.67	109	221710	46.742	ng/ul	92
56) Dibenzofuran	14.85	168	1532945	38.427	ng/ul	99
57) 2,4-Dinitrotoluene	14.82	165	374733	46.795	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.07	232	316467	44.087	ng/ul	97
59) Diethylphthalate	15.27	149	1279871	41.047	ng/ul	99
61) Fluorene	15.50	166	1305113	38.966	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.49	204	661198	40.992	ng/ul	100
63) 4-Nitroaniline	15.52	138	286309	47.366	ng/ul	96
66) 4,6-Dinitro-2-methylphenol	15.57	198	218572	41.890	ng/ul	98
67) N-Nitrosodiphenylamine	15.70	169	1083455	40.345	ng/ul	99
68) 4-Bromophenyl-phenylether	16.38	248	392267	44.239	ng/ul	96
69) Hexachlorobenzene	16.50	284	442041	43.861	ng/ul	99
70) Atrazine	16.65	200	284789	29.549	ng/ul	99
71) Pentachlorophenol	16.84	266	276283	44.735	ng/ul	98
72) Phenanthrene	17.23	178	1956249	39.687	ng/ul	99
74) Anthracene	17.32	178	1935880	38.914	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.25	216	565679	43.126	ng/uL	98
76) Pentachlorobenzene	14.77	250	525040	41.563	ng/uL	99
77) Carbazole	17.59	167	1713580	38.783	ng/ul	99
78) Di-n-butylphthalate	18.15	149	2152420	46.517	ng/ul	100
80) Fluoranthene	19.24	202	2246452	37.476	ng/ul	99
82) Pyrene	19.60	202	2347283	37.028	ng/ul	96
83) Butylbenzylphthalate	20.49	149	963925	48.447	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.27	252	752308	44.634	ng/ul	98
85) Benzo(a)anthracene	21.34	228	2309807	41.015	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.27	149	1507016	49.931	ng/ul	99
87) Chrysene	21.39	228	2229569	40.151	ng/ul	99
89) Di-n-octyl phthalate	22.15	149	2547922	44.409	ng/ul	100
90) Benzo(b)fluoranthene	22.95	252	2342429	40.910	ng/ul	97
91) Benzo(k)fluoranthene	22.99	252	2388858	43.677	ng/ul	98
93) Benzo(a)pyrene	23.54	252	2110924	42.178	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.95	276	2791987	45.327	ng/ul	97
95) Dibenzo(a,h)anthracene	25.96	278	2361178	45.529	ng/ul	97
96) Benzo(g,h,i)perylene	26.66	276	2277620	44.997	ng/ul	96

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

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