Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062221\
Data File : BM030514.D
Acq On : 22 Jun 2021 13:52
Operator : CG/JU
Sample : SSTD08005
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 22 14:59:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 22 13:19:30 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD080105

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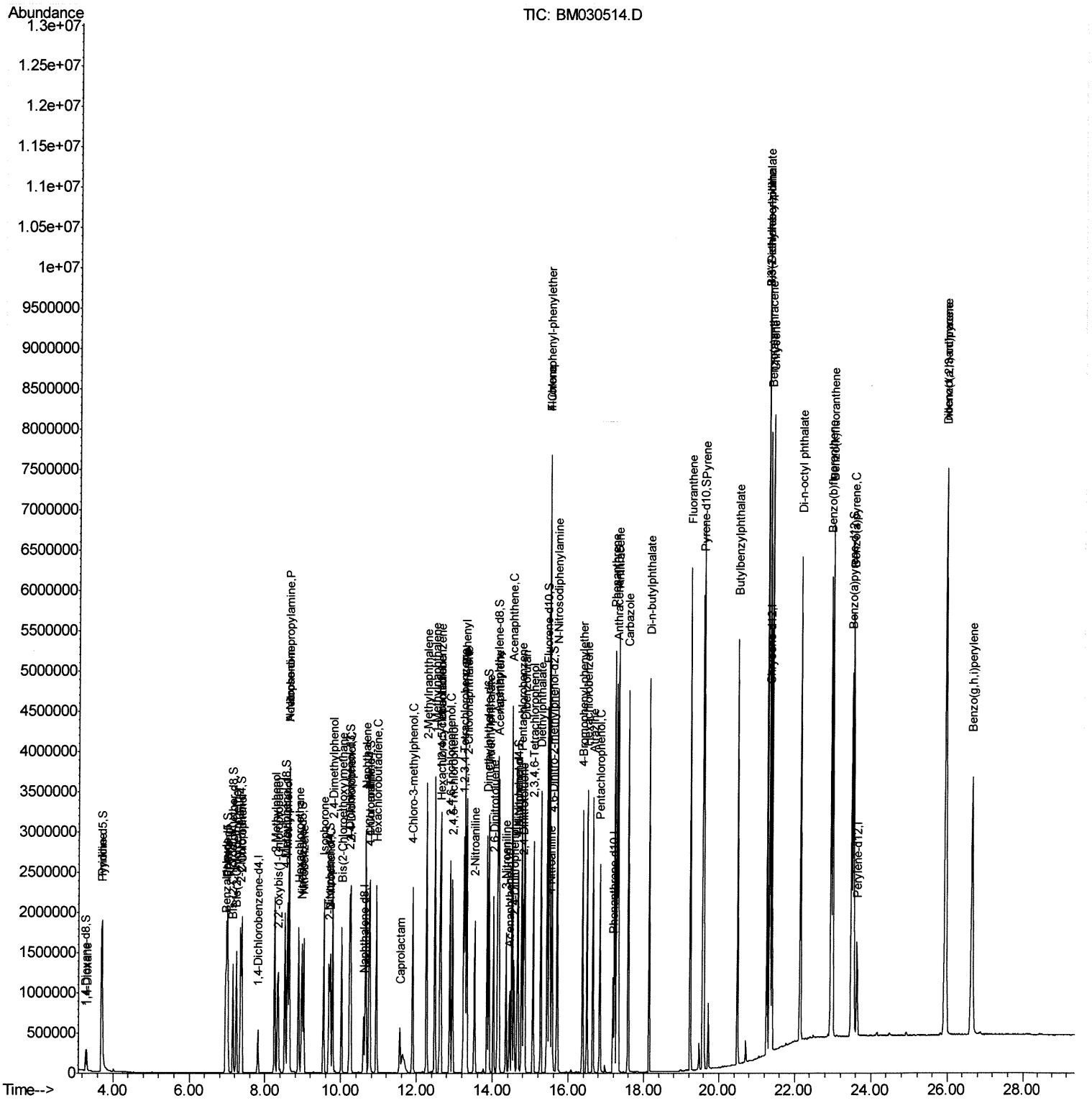

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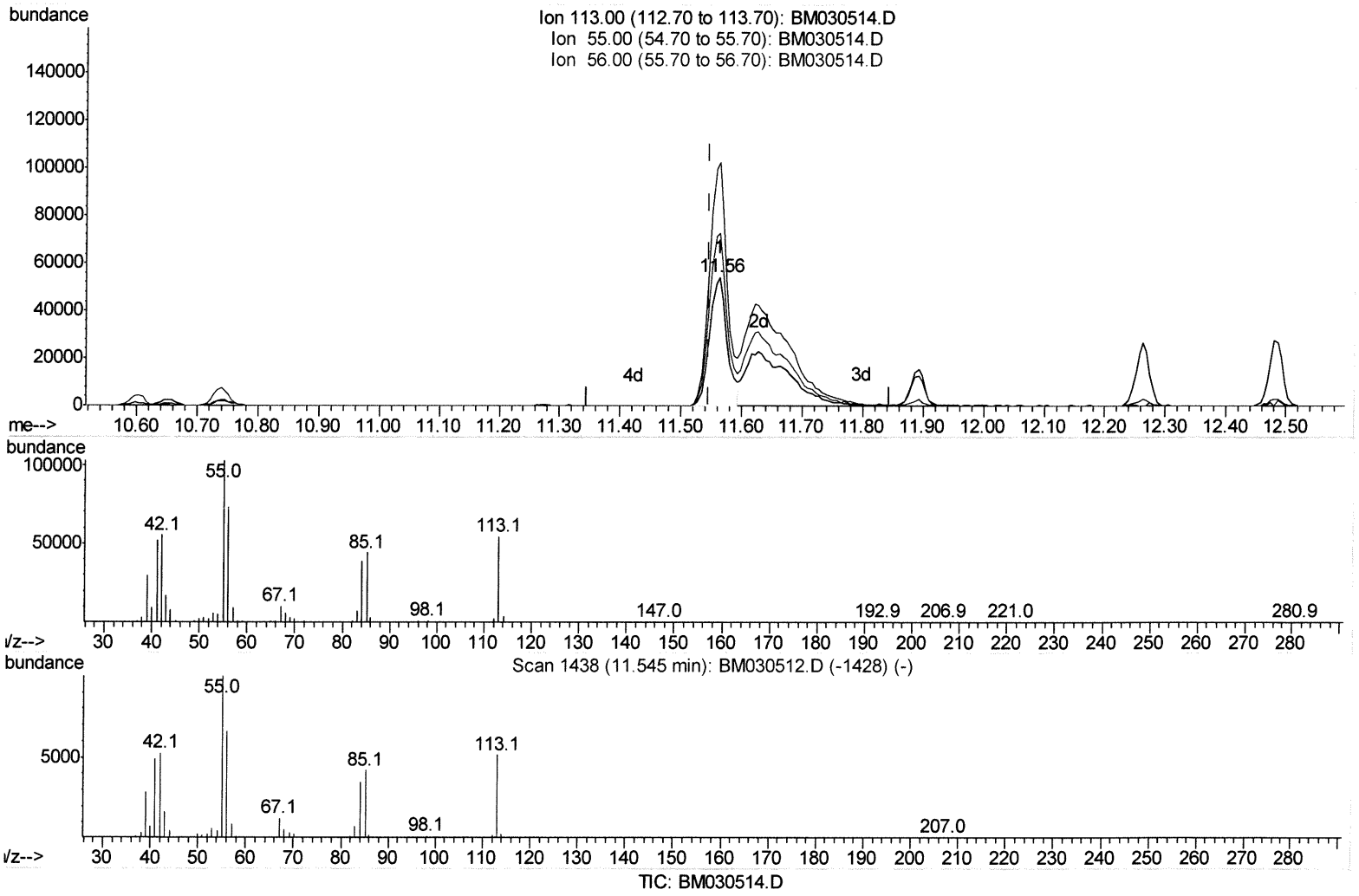

TIC: BM030514.D

(34) Caprolactam

11.563min (+0.018) 41.50ng/ul

response 108774

Ion	Exp%	Act%
113.00	100	100
55.00	194.00	189.13
56.00	127.40	134.49
0.00	0.00	0.00

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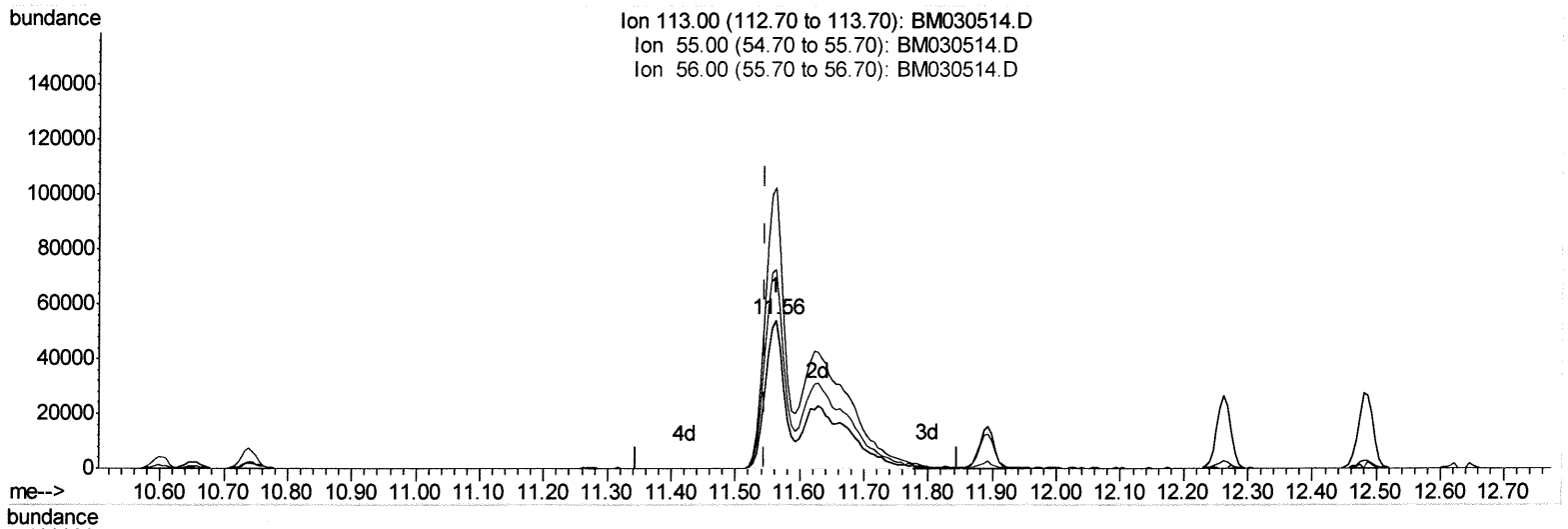
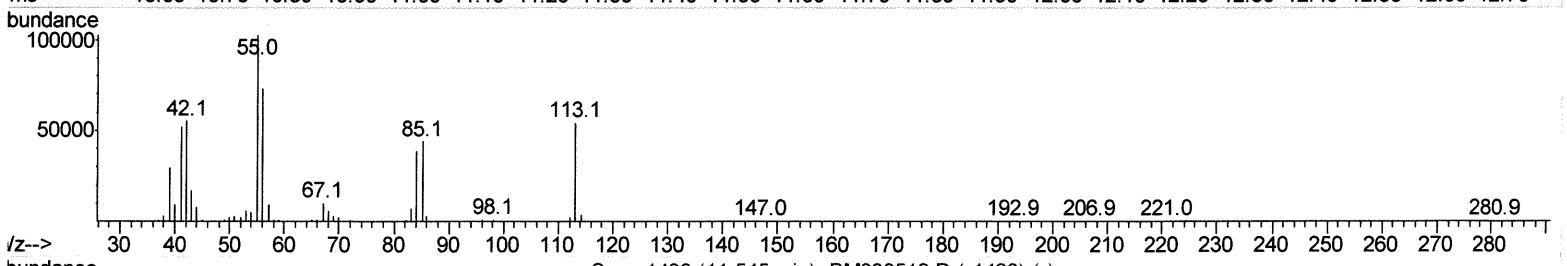
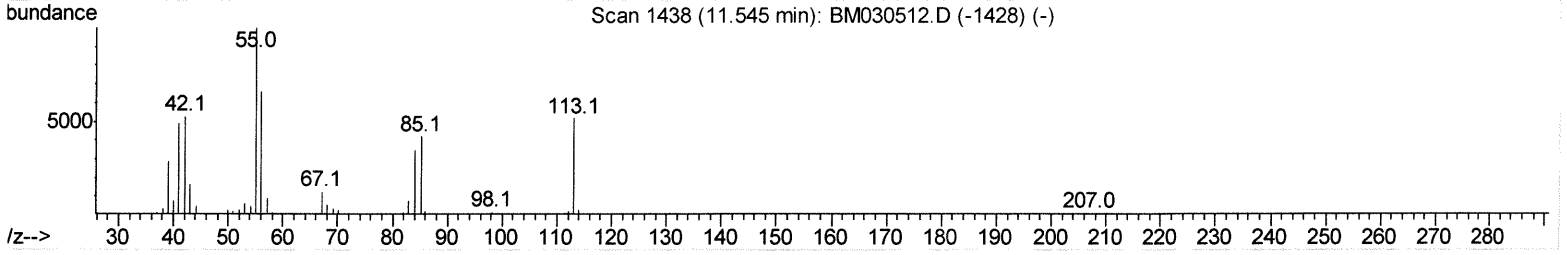




Scan 1438 (11.545 min): BM030512.D (-1428) (-)



TIC: BM030514.D

(34) Caprolactam

11.563min (+0.018) 85.76ng/ul m JP 6/25/21

response 224755

Ion	Exp%	Act%
113.00	100	100
55.00	194.00	189.13
56.00	127.40	134.49
0.00	0.00	0.00

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Quant Time: Jun 22 14:59:17 2021
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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	140046	20.00	ng/ul	0.00
20) Naphthalene-d8	10.60	136	567574	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.45	164	351933	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.19	188	702436	20.00	ng/ul	0.00
79) Chrysene-d12	21.36	240	752695	20.00	ng/ul	0.00
88) Perylene-d12	23.63	264	782864	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	115232	31.42	ng/uL	0.00
4) Pyridine-d5	3.69	84	808490	83.89	ng/ul	0.00
7) Phenol-d5	6.99	99	991811	81.48	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.15	67	605460	77.07	ng/ul	0.00
11) 2-Chlorophenol-d4	7.35	132	802409	91.16	ng/ul	0.00
15) 4-Methylphenol-d8	8.52	113	770804	79.29	ng/ul	0.00
21) Nitrobenzene-d5	8.97	128	374874	96.49	ng/ul	0.00
24) 2-Nitrophenol-d4	9.69	143	425285	110.22	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.23	165	790136	94.01	ng/ul	0.00
31) 4-Chloroaniline-d4	10.74	131	1034880	80.54	ng/ul	0.00
46) Dimethylphthalate-d6	13.86	166	2033248	84.19	ng/ul	0.00
49) Acenaphthylene-d8	14.14	160	2705936	89.68	ng/ul	0.00
54) 4-Nitrophenol-d4	14.65	143	407441	90.13	ng/ul	0.01
60) Fluorene-d10	15.44	176	1817797	84.07	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.56	200	406021	100.14	ng/ul	0.01
73) Anthracene-d10	17.29	188	2781348	87.06	ng/ul	0.00
81) Pyrene-d10	19.57	212	3066881	77.85	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.49	264	3483328	89.23	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	119034	32.020	ng/uL	95
5) Pyridine	3.71	79	838376	82.404	ng/ul	98
6) Benzaldehyde	6.96	77	451319	79.117	ng/ul	95
8) Phenol	7.01	94	1001031	81.200	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.24	93	770225	77.389	ng/ul	99
12) 2-Chlorophenol	7.38	128	802309	88.352	ng/ul	99
13) 2-Methylphenol	8.26	108	723050	78.874	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.34	45	1201457	74.945	ng/ul	100
16) Acetophenone	8.63	105	1171057	76.191	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.63	70	611479	81.852	ng/ul	99
18) 4-Methylphenol	8.59	108	782348	77.396	ng/ul	94
19) Hexachloroethane	8.89	117	338310	88.049	ng/ul	97
22) Nitrobenzene	9.02	77	901455	90.385	ng/ul	98
23) Isophorone	9.55	82	1582968	86.803	ng/ul	99
25) 2-Nitrophenol	9.72	139	443282	103.707	ng/ul	99
26) 2,4-Dimethylphenol	9.78	107	856835	88.547	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.02	93	989078	81.462	ng/ul	99
29) 2,4-Dichlorophenol	10.25	162	740415	90.462	ng/ul	97
30) Naphthalene	10.65	128	2363702	82.159	ng/ul	100
32) 4-Chloroaniline	10.76	127	1019807	79.294	ng/ul	100
33) Hexachlorobutadiene	10.93	225	487065	93.507	ng/ul	99
34) Caprolactam	11.56	113	224755m	85.759	ng/ul	

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ClientSampleId : SSTD080105

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.89	107	740853	88.945	ng/ul	96
36) 2-Methylnaphthalene	12.26	142	1680997	82.131	ng/ul	99
37) 1-Methylnaphthalene	12.49	142	1692090	81.451	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.63	216	915775	89.505	ng/ul	100
40) Hexachlorocyclopentadiene	12.62	237	592724	91.681	ng/ul	99
41) 2,4,6-Trichlorophenol	12.87	196	601264	97.815	ng/ul	96
42) 2,4,5-Trichlorophenol	12.95	196	645185	96.356	ng/ul	98
43) 1,1'-Biphenyl	13.27	154	2127933	82.988	ng/ul	100
44) 2-Chloronaphthalene	13.32	162	1682153	85.007	ng/ul	99
45) 2-Nitroaniline	13.53	65	509688	103.033	ng/ul	96
47) Dimethylphthalate	13.90	163	1992920	84.469	ng/ul	99
48) 2,6-Dinitrotoluene	14.02	165	430851	101.904	ng/ul	97
50) Acenaphthylene	14.17	152	2471858	85.771	ng/ul	99
51) 3-Nitroaniline	14.35	138	429028	89.002	ng/ul	96
52) Acenaphthene	14.51	153	1767428	82.549	ng/ul	98
53) 2,4-Dinitrophenol	14.56	184	292093	103.526	ng/ul	99
55) 4-Nitrophenol	14.67	109	325162	91.806	ng/ul	98
56) Dibenzofuran	14.85	168	2436303	81.788	ng/ul	100
57) 2,4-Dinitrotoluene	14.81	165	606825	101.482	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.07	232	536574	100.105	ng/ul	99
59) Diethylphthalate	15.27	149	1982881	85.166	ng/ul	99
61) Fluorene	15.49	166	2086356	83.421	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.49	204	1027053	85.274	ng/ul	98
63) 4-Nitroaniline	15.52	138	425353	94.238	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.57	198	389028	96.762	ng/ul#	99
67) N-Nitrosodiphenylamine	15.70	169	1734797	83.837	ng/ul	99
68) 4-Bromophenyl-phenylether	16.37	248	605920	88.683	ng/ul	99
69) Hexachlorobenzene	16.49	284	705249	90.816	ng/ul	100
70) Atrazine	16.65	200	616252	82.983	ng/ul	98
71) Pentachlorophenol	16.84	266	453625	95.324	ng/ul	97
72) Phenanthrene	17.23	178	3144749	82.798	ng/ul	100
74) Anthracene	17.32	178	3268026	85.255	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.25	216	890223	88.079	ng/uL	99
76) Pentachlorobenzene	14.76	250	856260	87.968	ng/uL	99
77) Carbazole	17.59	167	2869350	84.280	ng/ul	99
78) Di-n-butylphthalate	18.14	149	3285055	92.137	ng/ul	99
80) Fluoranthene	19.24	202	3711882	76.677	ng/ul	99
82) Pyrene	19.60	202	3865053	75.497	ng/ul	98
83) Butylbenzylphthalate	20.49	149	1499681	93.334	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.27	252	1295488	95.173	ng/ul	98
85) Benzo(a)anthracene	21.34	228	3856033	84.786	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.26	149	2275082	93.339	ng/ul	99
87) Chrysene	21.39	228	3704728	82.613	ng/ul	98
89) Di-n-octyl phthalate	22.15	149	3840846	76.172	ng/ul	100
90) Benzo(b)fluoranthene	22.94	252	4172202	82.911	ng/ul	100
91) Benzo(k)fluoranthene	22.99	252	3965403	82.497	ng/ul	99
93) Benzo(a)pyrene	23.53	252	3789437	86.154	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.95	276	4970474	91.819	ng/ul	99
95) Dibenzo(a,h)anthracene	25.96	278	4151712	91.091	ng/ul	99
96) Benzo(g,h,i)perylene	26.66	276	4034359	90.691	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