Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM052721\
Data File : BM030196.D
Acq On : 27 May 2021 11:50
Operator : CG/JU
Sample : PB136673BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 27 12:45:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM052621.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 27 10:27:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS673

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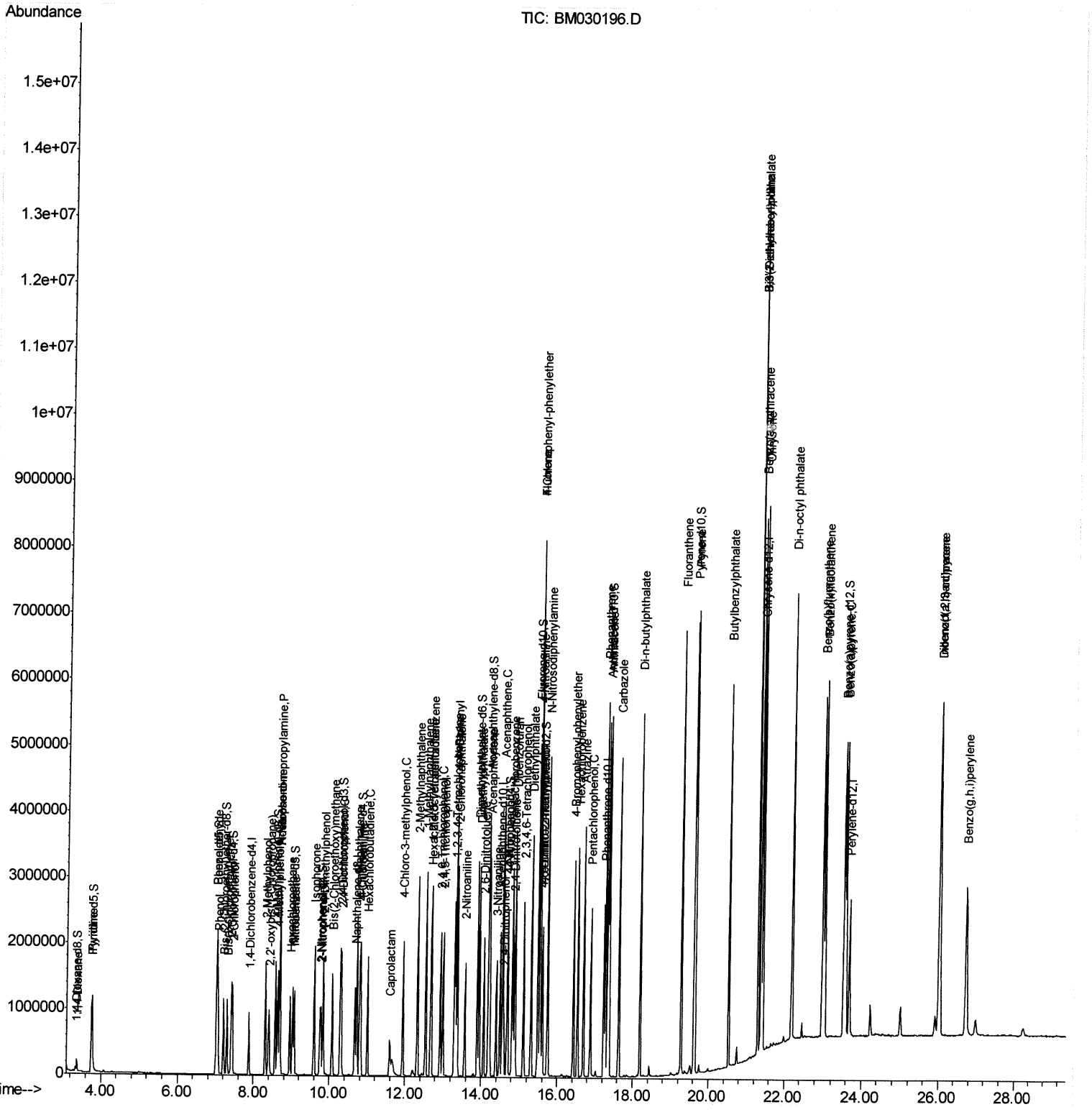

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Quant Title : SVOA CALIBRATION
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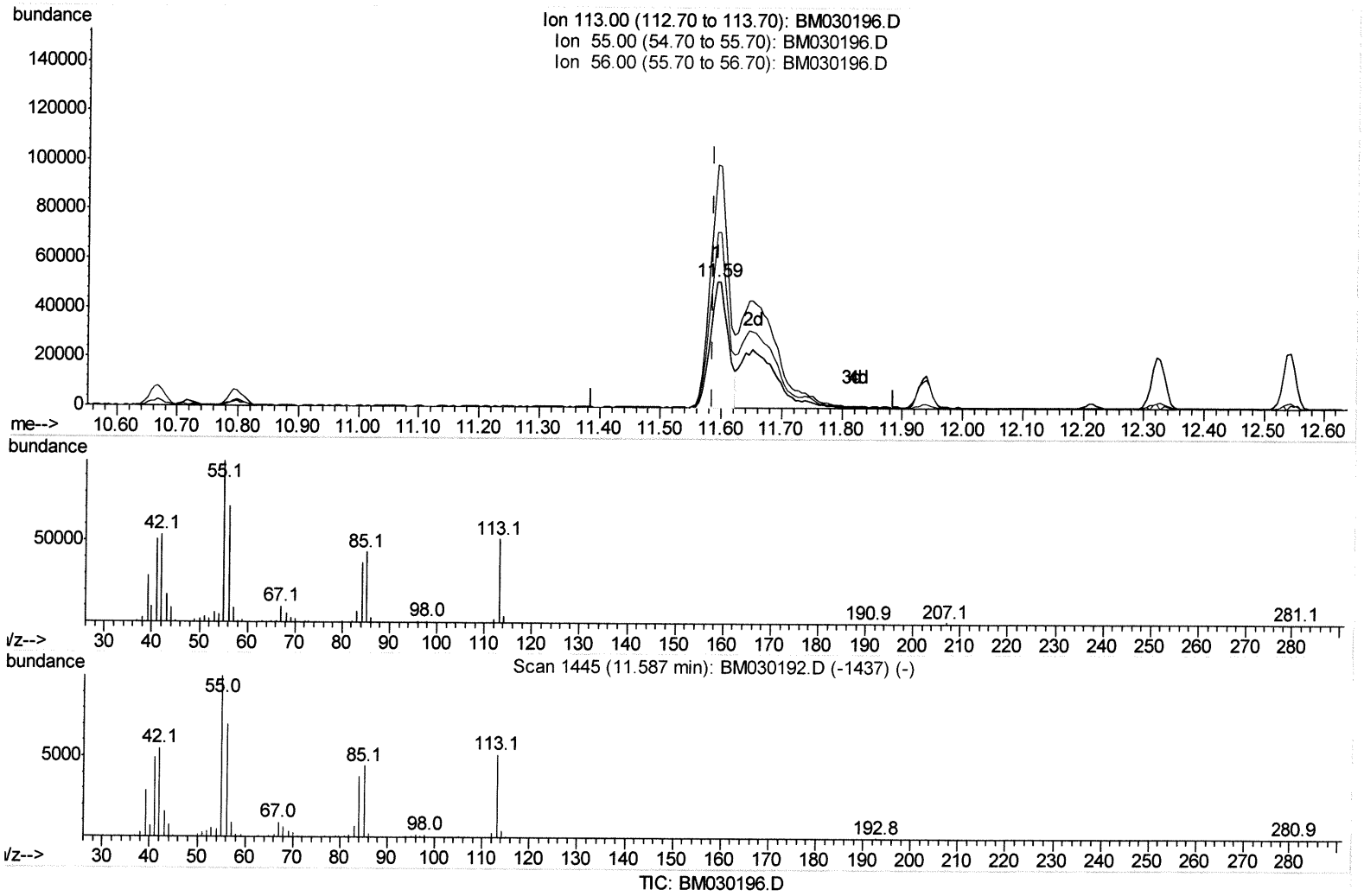

TIC: BM030196.D

(34) Caprolactam

11.592min (+0.006) 20.38ng/ul

response 104162

Ion	Exp%	Act%
113.00	100	100
55.00	190.70	192.76
56.00	134.00	139.27
0.00	0.00	0.00

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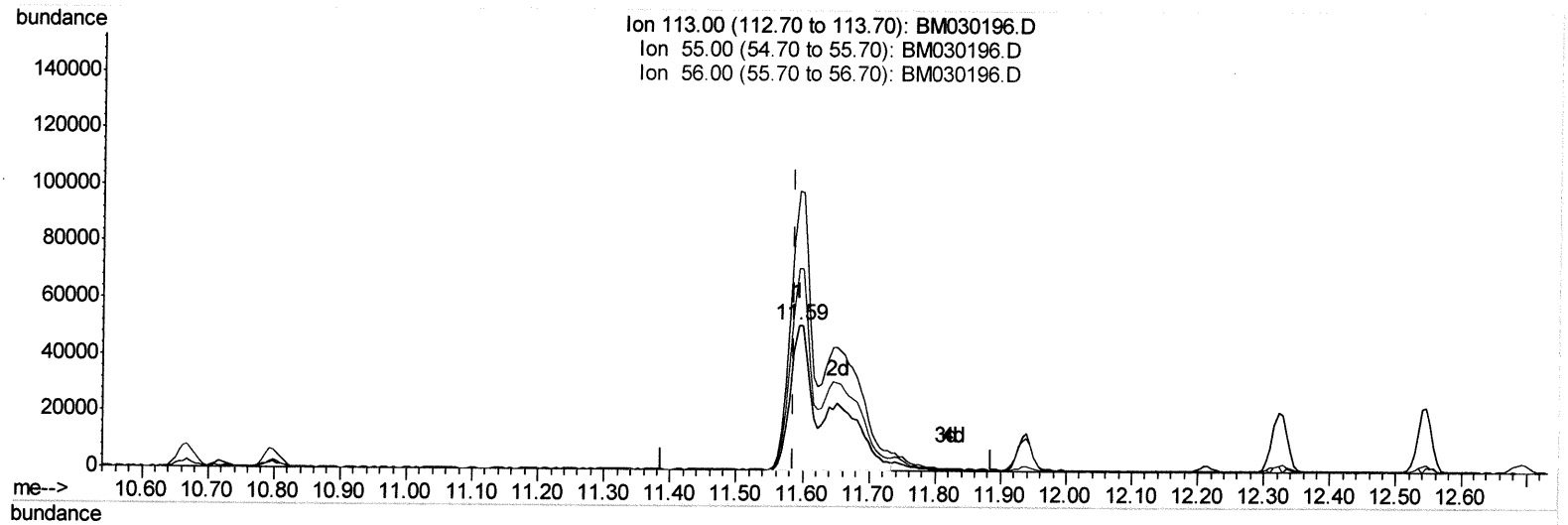

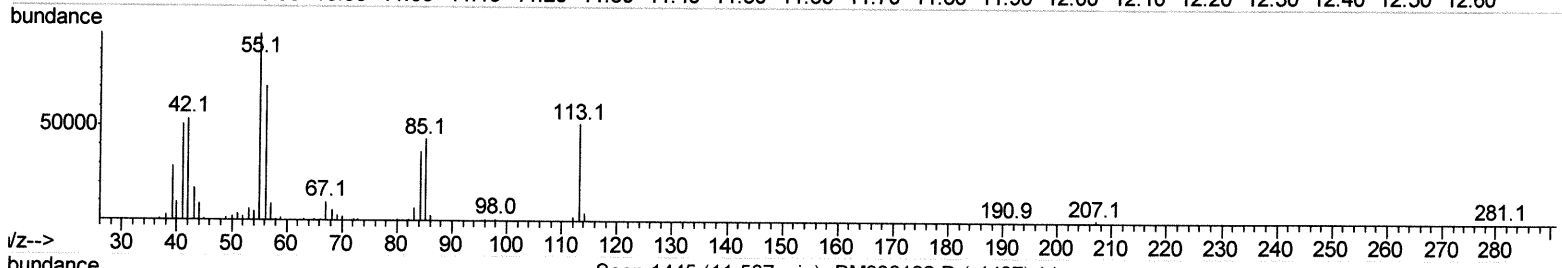

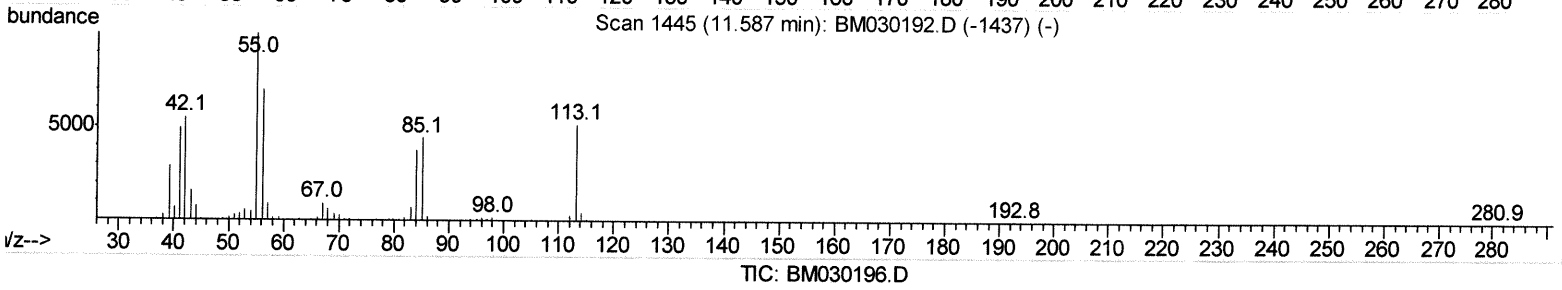

TIC: BM030196.D

(34) Caprolactam

11.592min (+0.006) 38.69ng/ul m JU 5/28/21

response 197756

Ion	Exp%	Act%
113.00	100	100
55.00	190.70	192.76
56.00	134.00	139.27
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	246440	20.00	ng/ul	0.00
20) Naphthalene-d8	10.67	136	1081017	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.50	164	737986	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.23	188	1589624	20.00	ng/ul	0.00
79) Chrysene-d12	21.39	240	1684712	20.00	ng/ul	0.00
88) Perylene-d12	23.68	264	1405319	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	34965	5.81	ng/uL	0.00
4) Pyridine-d5	3.75	84	515377	30.53	ng/ul	0.00
7) Phenol-d5	7.03	99	819888	37.84	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.20	67	510456	37.32	ng/ul	0.00
11) 2-Chlorophenol-d4	7.40	132	622652	38.36	ng/ul	0.00
15) 4-Methylphenol-d8	8.57	113	657631	38.22	ng/ul	0.00
21) Nitrobenzene-d5	9.03	128	307676	43.60	ng/ul	0.00
24) 2-Nitrophenol-d4	9.75	143	314048	46.73	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.29	165	689419	39.76	ng/ul	0.00
31) 4-Chloroaniline-d4	10.80	131	927325	36.01	ng/ul	0.00
46) Dimethylphthalate-d6	13.90	166	2236606	39.64	ng/ul	0.00
49) Acenaphthylene-d8	14.19	160	2770800	38.10	ng/ul	0.00
54) 4-Nitrophenol-d4	14.68	143	410237	44.99	ng/ul	0.00
60) Fluorene-d10	15.49	176	1949647	39.59	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.60	200	347790	45.13	ng/ul	0.00
73) Anthracene-d10	17.33	188	3031515	38.53	ng/ul	0.00
81) Pyrene-d10	19.62	212	3530754	39.10	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.54	264	3264410	40.98	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	84636	13.068	ng/uL	97
5) Pyridine	3.77	79	502911	29.010	ng/ul	97
6) Benzaldehyde	7.02	77	443025	38.317	ng/ul	97
8) Phenol	7.06	94	740110	33.623	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.30	93	575987	32.600	ng/ul	98
12) 2-Chlorophenol	7.44	128	567432	34.141	ng/ul	99
13) 2-Methylphenol	8.30	108	558928	33.582	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.40	45	949374	32.337	ng/ul	100
16) Acetophenone	8.69	105	933168	33.558	ng/ul	100
17) N-Nitroso-di-n-propylamine	8.69	70	494808	33.732	ng/ul	100
18) 4-Methylphenol	8.63	108	618789	34.527	ng/ul	99
19) Hexachloroethane	8.96	117	224365	31.528	ng/ul	95
22) Nitrobenzene	9.07	77	687530	35.993	ng/ul	99
23) Isophorone	9.60	82	1359835	33.761	ng/ul	99
25) 2-Nitrophenol	9.78	139	313499	41.316	ng/ul	98
26) 2,4-Dimethylphenol	9.83	107	591362	29.293	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.07	93	838634	33.970	ng/ul	99
29) 2,4-Dichlorophenol	10.31	162	598452	35.761	ng/ul	99
30) Naphthalene	10.72	128	1931275	32.563	ng/ul	99
32) 4-Chloroaniline	10.82	127	816466	30.625	ng/ul	100
33) Hexachlorobutadiene	11.00	225	361921	31.741	ng/ul	99
34) Caprolactam	11.59	113	197756m	38.692	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.94	107	654723	37.323	ng/ul	99
36) 2-Methylnaphthalene	12.32	142	1462796	32.985	ng/ul	98
37) 1-Methylnaphthalene	12.55	142	1438557	33.366	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	778365	32.506	ng/ul	98
40) Hexachlorocyclopentadiene	12.67	237	376800	22.456	ng/ul	98
41) 2,4,6-Trichlorophenol	12.93	196	508188	37.813	ng/ul	94
42) 2,4,5-Trichlorophenol	13.00	196	559497	38.480	ng/ul	100
43) 1,1'-Biphenyl	13.33	154	1955857	33.232	ng/ul	100
44) 2-Chloronaphthalene	13.37	162	1506188	33.290	ng/ul	99
45) 2-Nitroaniline	13.57	65	444173	42.738	ng/ul	93
47) Dimethylphthalate	13.95	163	2006430	36.002	ng/ul	100
48) 2,6-Dinitrotoluene	14.07	165	396678	44.661	ng/ul	94
50) Acenaphthylene	14.22	152	2299097	32.736	ng/ul	100
51) 3-Nitroaniline	14.40	138	414308	40.022	ng/ul#	93
52) Acenaphthene	14.56	153	1685632	33.978	ng/ul	99
53) 2,4-Dinitrophenol	14.60	184	205045	36.770	ng/ul	97
55) 4-Nitrophenol	14.70	109	285434	28.514	ng/ul	98
56) Dibenzofuran	14.89	168	2373794	34.570	ng/ul	99
57) 2,4-Dinitrotoluene	14.85	165	573351	44.509	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.12	232	489247	39.848	ng/ul	97
59) Diethylphthalate	15.32	149	2085307	36.939	ng/ul	99
61) Fluorene	15.54	166	2065610	35.456	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.53	204	1010215	35.365	ng/ul	100
63) 4-Nitroaniline	15.56	138	453717	42.625	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.62	198	317001	39.877	ng/ul	99
67) N-Nitrosodiphenylamine	15.74	169	1780110	34.333	ng/ul	99
68) 4-Bromophenyl-phenylether	16.43	248	632740	35.365	ng/ul	98
69) Hexachlorobenzene	16.54	284	724092	35.406	ng/ul	98
70) Atrazine	16.69	200	647052	34.792	ng/ul	100
71) Pentachlorophenol	16.88	266	413991	33.146	ng/ul	99
72) Phenanthrene	17.27	178	3289263	35.308	ng/ul	99
74) Anthracene	17.36	178	3330252	34.850	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.30	216	779268	30.046	ng/uL	98
76) Pentachlorobenzene	14.82	250	779011	32.380	ng/uL	100
77) Carbazole	17.63	167	3044723	35.160	ng/ul	100
78) Di-n-butylphthalate	18.19	149	3765313	39.146	ng/ul	100
80) Fluoranthene	19.28	202	3952766	35.807	ng/ul	99
82) Pyrene	19.64	202	4095560	35.497	ng/ul	97
83) Butylbenzylphthalate	20.53	149	1663319	42.236	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.30	252	1275010	35.746	ng/ul	100
85) Benzo(a)anthracene	21.37	228	3933208	35.435	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.30	149	2669007	42.236	ng/ul	98
87) Chrysene	21.43	228	3823333	35.385	ng/ul	99
89) Di-n-octyl phthalate	22.19	149	4243053	46.957	ng/ul	100
90) Benzo(b)fluoranthene	22.99	252	3828409	40.652	ng/ul	100
91) Benzo(k)fluoranthene	23.03	252	3545999	38.183	ng/ul	99
93) Benzo(a)pyrene	23.59	252	3164828	38.073	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.02	276	3648476	35.041	ng/ul	100
95) Dibenzo(a,h)anthracene	26.03	278	3087093	35.464	ng/ul	99
96) Benzo(g,h,i)perylene	26.74	276	2861890	33.641	ng/ul	100

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

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