Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100220\
Data File : BN012036.D
Acq On : 02 Oct 2020 13:19
Operator : CG/JU
Sample : SSTD04055
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 02 14:23:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 13:24:58 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD04055

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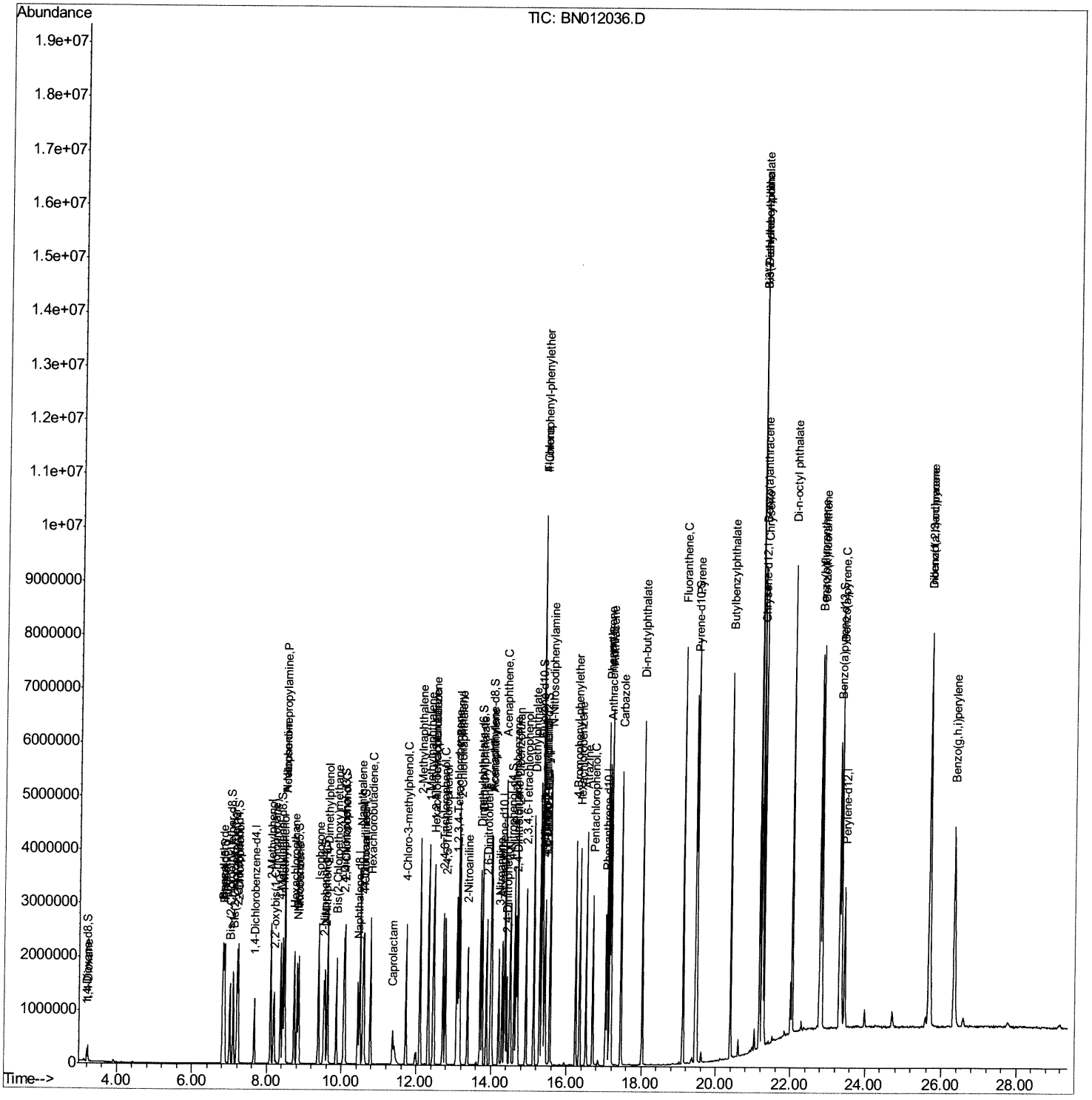

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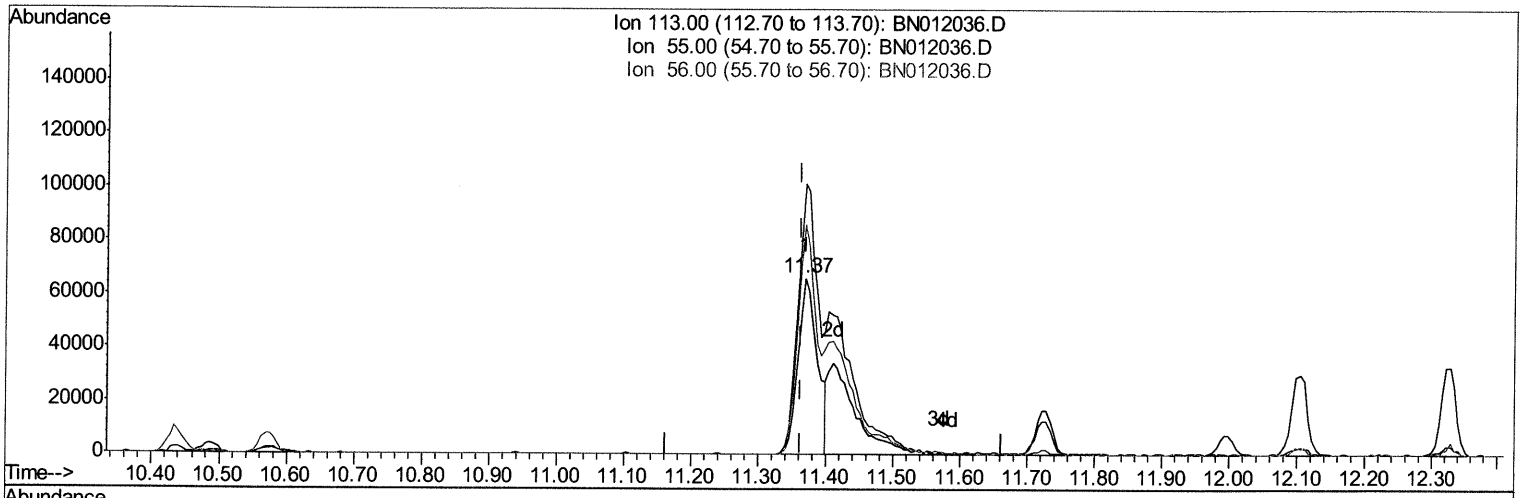

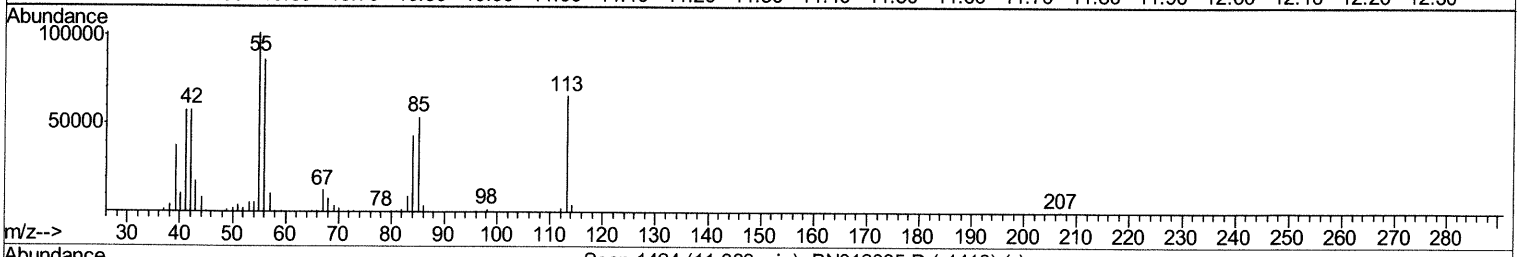

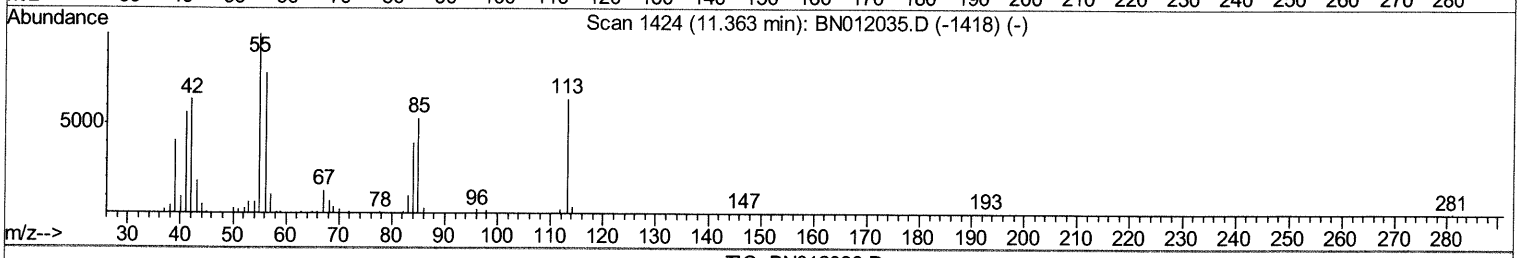

TIC: BN012036.D

(32) Caprolactam

11.369min (+0.006) 25.61ng/ul

response 130446

Ion	Exp%	Act%
113.00	100	100
55.00	157.00	153.84
56.00	122.90	131.04
0.00	0.00	0.00

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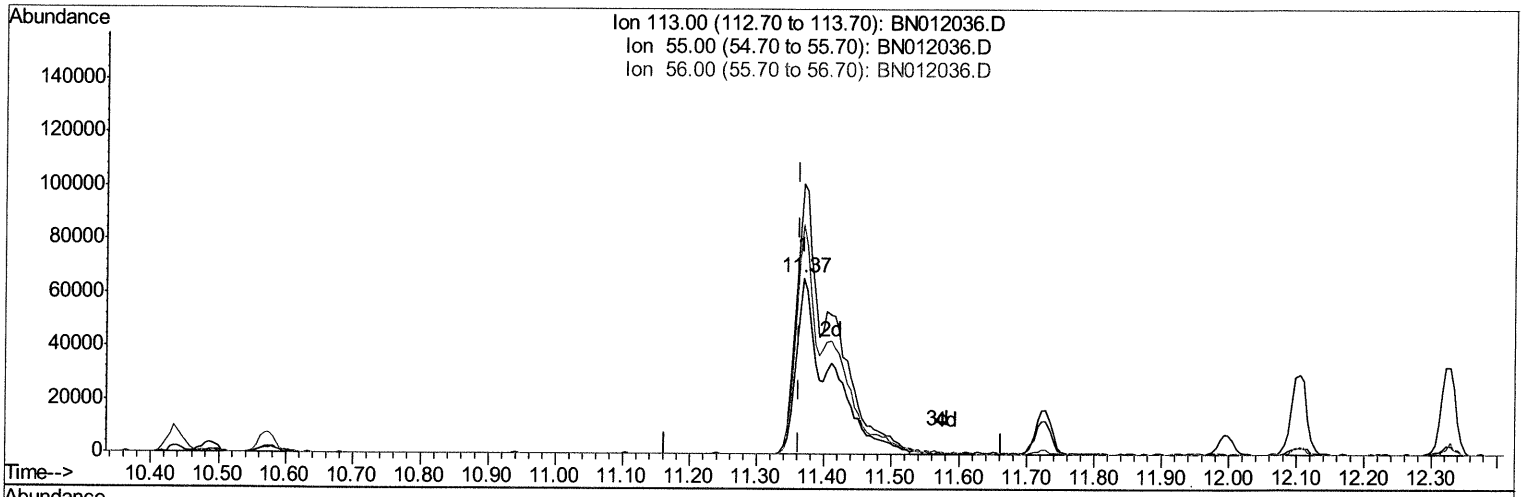

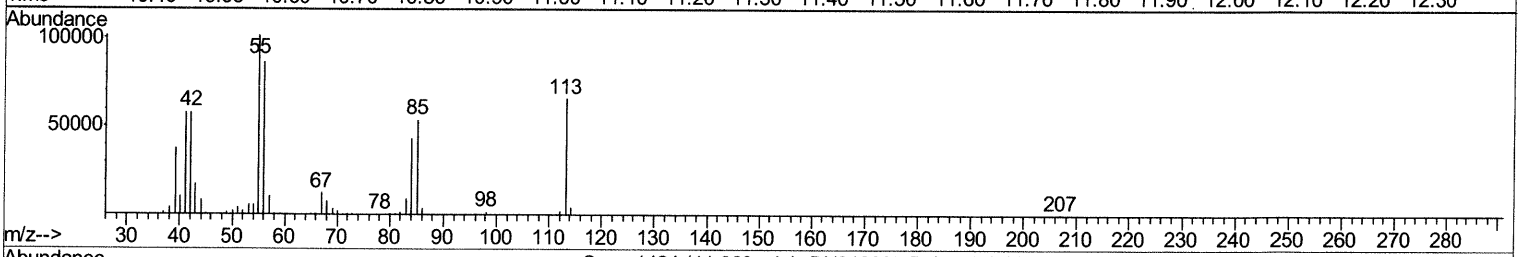

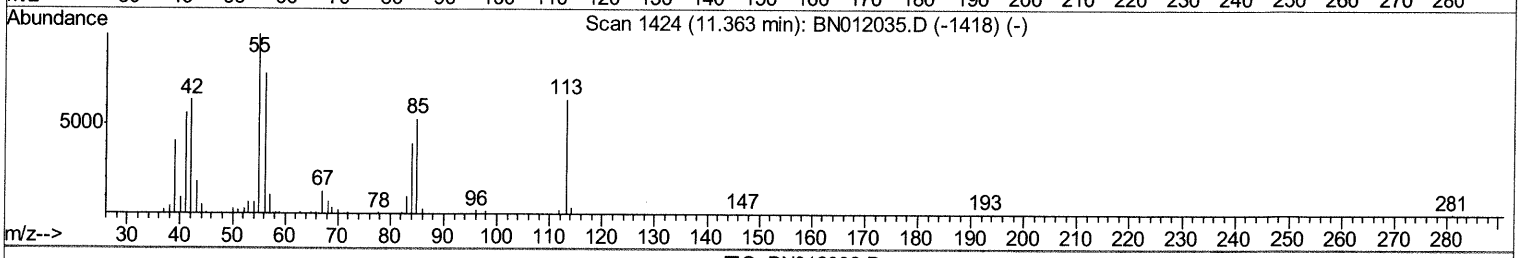

TIC: BN012036.D

(32) Caprolactam

11.369min (+0.006) 44.82ng/ul m 10/09/20 JU

response 228333

Ion	Exp%	Act%
113.00	100	100
55.00	157.00	153.84
56.00	122.90	131.04
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	7.66	152	310715	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	1192109	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	724044	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1538975	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1555275	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	1616971	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	112052	17.31	ng/uL	0.00
5) Phenol-d5	6.83	99	998625	45.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	614492	54.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	822337	41.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	796221	44.63	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	382311	41.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	424445	40.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	789426	40.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	979909	41.74	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	2254314	39.99	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	2747399	40.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	428398	44.85	ng/ul	0.00
58) Fluorene-d10	15.30	176	1942388	39.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	381339	37.36	ng/ul	0.00
71) Anthracene-d10	17.15	188	2903982	39.50	ng/ul	0.00
79) Pyrene-d10	19.45	212	3225265	40.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	3766189	41.94	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	134994	16.180	ng/uL	96
4) Benzaldehyde	6.81	77	686049	47.868	ng/ul	95
6) Phenol	6.86	94	1041389	46.488	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.09	93	851141	47.935	ng/ul	99
10) 2-Chlorophenol	7.23	128	838808	41.277	ng/ul	100
11) 2-Methylphenol	8.10	108	769662	43.635	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.19	45	1071673	111.041	ng/ul	98
14) Acetophenone	8.48	105	1222178	42.368	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.47	70	639446	51.166	ng/ul	99
16) 4-Methylphenol	8.43	108	819847	43.896	ng/ul	93
17) Hexachloroethane	8.73	117	385592	41.038	ng/ul	97
20) Nitrobenzene	8.85	77	1015191	44.958	ng/ul	99
21) Isophorone	9.37	82	1763545	44.381	ng/ul	98
23) 2-Nitrophenol	9.56	139	460440	39.734	ng/ul	99
24) 2,4-Dimethylphenol	9.62	107	949704	43.353	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.86	93	1062422	45.076	ng/ul	100
27) 2,4-Dichlorophenol	10.09	162	768727	38.548	ng/ul	93
28) Naphthalene	10.49	128	2636361	39.628	ng/ul	100
30) 4-Chloroaniline	10.60	127	984076	41.891	ng/ul	100
31) Hexachlorobutadiene	10.77	225	515122	31.717	ng/ul	98
32) Caprolactam	11.37	113	228333m >	44.821	ng/ul >	10/09/20 JU
33) 4-Chloro-3-methylphenol	11.72	107	877018	46.315	ng/ul	95
34) 2-Methylnaphthalene	12.10	142	1820051	39.911	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.33	142	1825326	40.833 ng/uL	96
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	901108	35.556 ng/ul	97
38) Hexachlorocyclopentadiene	12.46	237	646168	37.210 ng/ul	94
39) 2,4,6-Trichlorophenol	12.72	196	585893	39.502 ng/ul	99
40) 2,4,5-Trichlorophenol	12.79	196	638984	39.674 ng/ul	99
41) 1,1'-Biphenyl	13.13	154	2335957	40.199 ng/ul	98
42) 2-Chloronaphthalene	13.17	162	1841141	39.157 ng/ul	97
43) 2-Nitroaniline	13.37	65	581108	62.852 ng/ul	94
45) Dimethylphthalate	13.76	163	2292028	39.607 ng/ul	100
46) 2,6-Dinitrotoluene	13.88	165	484010	42.717 ng/ul	90
48) Acenaphthylene	14.02	152	2841151	40.429 ng/ul	98
49) 3-Nitroaniline	14.20	138	458430	44.225 ng/ul#	90
50) Acenaphthene	14.36	153	2000965	40.676 ng/ul	99
51) 2,4-Dinitrophenol	14.41	184	279731	41.334 ng/ul	90
53) 4-Nitrophenol	14.52	109	390868	42.932 ng/ul	99
54) Dibenzofuran	14.70	168	2710565	37.994 ng/ul	97
55) 2,4-Dinitrotoluene	14.67	165	688029	42.220 ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.93	232	554451	41.233 ng/ul	95
57) Diethylphthalate	15.13	149	2394535	41.595 ng/ul	97
59) Fluorene	15.35	166	2319911	40.346 ng/ul	95
60) 4-Chlorophenyl-phenylether	15.35	204	1109553	36.982 ng/ul	99
61) 4-Nitroaniline	15.37	138	510452	48.080 ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.43	198	413158	37.353 ng/ul	96
65) N-Nitrosodiphenylamine	15.56	169	1927271	41.865 ng/ul	98
66) 4-Bromophenyl-phenylether	16.25	248	676567	38.647 ng/ul	99
67) Hexachlorobenzene	16.36	284	794684	40.784 ng/ul	95
68) Atrazine	16.52	200	718991	40.105 ng/ul	98
69) Pentachlorophenol	16.70	266	476116	42.628 ng/ul	99
70) Phenanthrene	17.09	178	3671294	40.219 ng/ul	99
72) Anthracene	17.18	178	3638031	39.350 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	837365	34.264 ng/uL	95
74) Pentachlorobenzene	14.62	250	860626	36.749 ng/uL	91
75) Carbazole	17.45	167	3243573	41.717 ng/ul	99
76) Di-n-butylphthalate	18.02	149	4241781	47.988 ng/ul	99
77) Fluoranthene	19.11	202	4265490	38.188 ng/ul	97
80) Pyrene	19.47	202	4389201	40.104 ng/ul	99
81) Butylbenzylphthalate	20.39	149	1930140	52.276 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.17	252	1530523	49.347 ng/ul	98
83) Benzo(a)anthracene	21.23	228	4057977	39.219 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.17	149	2928825	52.603 ng/ul	97
85) Chrysene	21.29	228	4013809	39.053 ng/ul	98
87) Di-n-octyl phthalate	22.04	149	4919085	46.526 ng/ul	100
88) Benzo(b)fluoranthene	22.80	252	4360531	38.574 ng/ul	99
89) Benzo(k)fluoranthene	22.84	252	4490367	39.995 ng/ul	98
91) Benzo(a)pyrene	23.36	252	4185382	40.184 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.67	276	5281759	39.565 ng/ul	95
93) Dibenzo(a,h)anthracene	25.69	278	4320417	38.656 ng/ul	99
94) Benzo(g,h,i)perylene	26.35	276	4509978	40.751 ng/ul	98

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

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