Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN100920\
Data File : BN012119.D
Acq On : 09 Oct 2020 11:32
Operator : CG/JU
Sample : SSTD01054
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 09 12:51:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 09 12:44:31 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD01054

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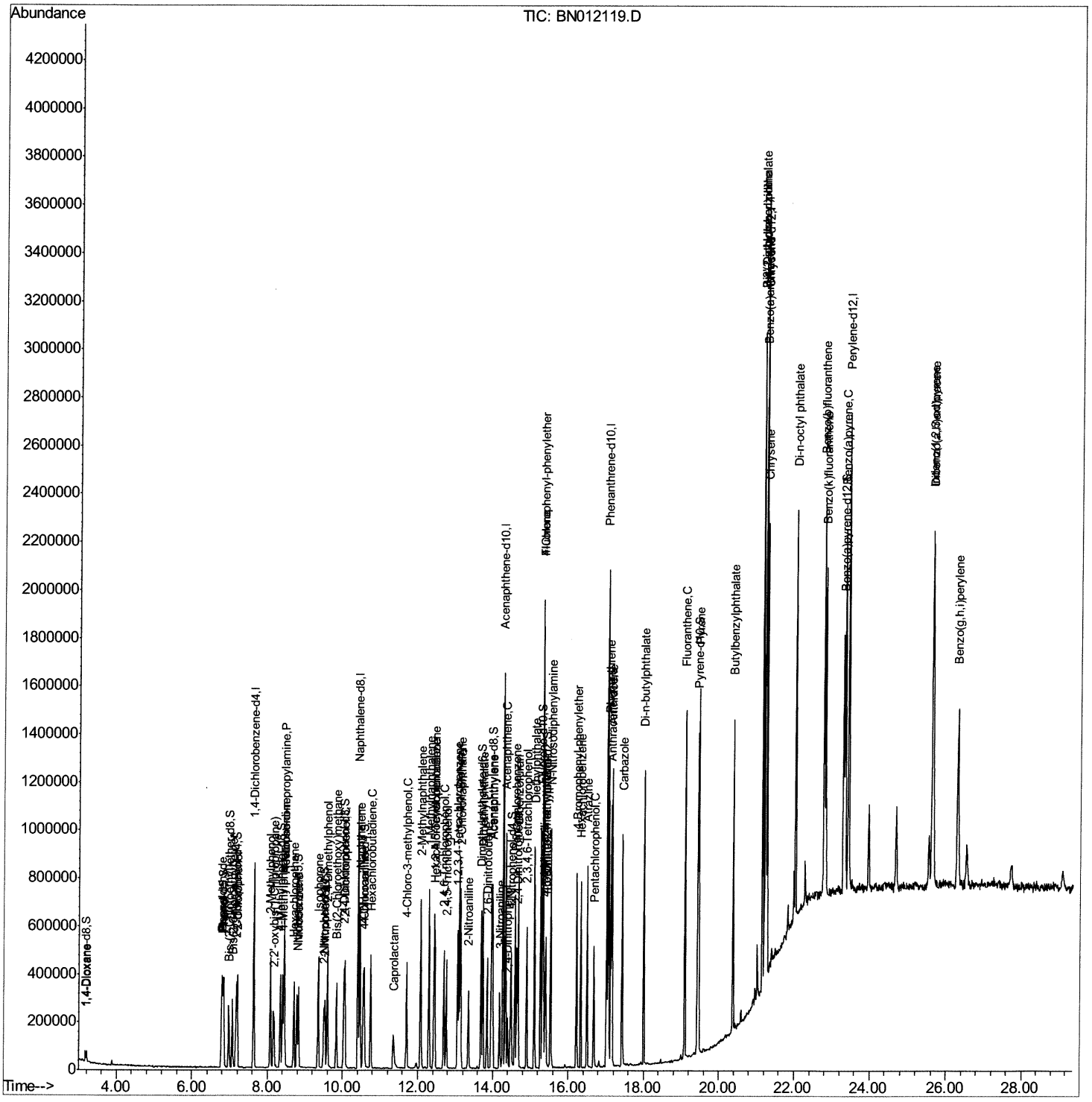

Quantitation Report (Qedit)

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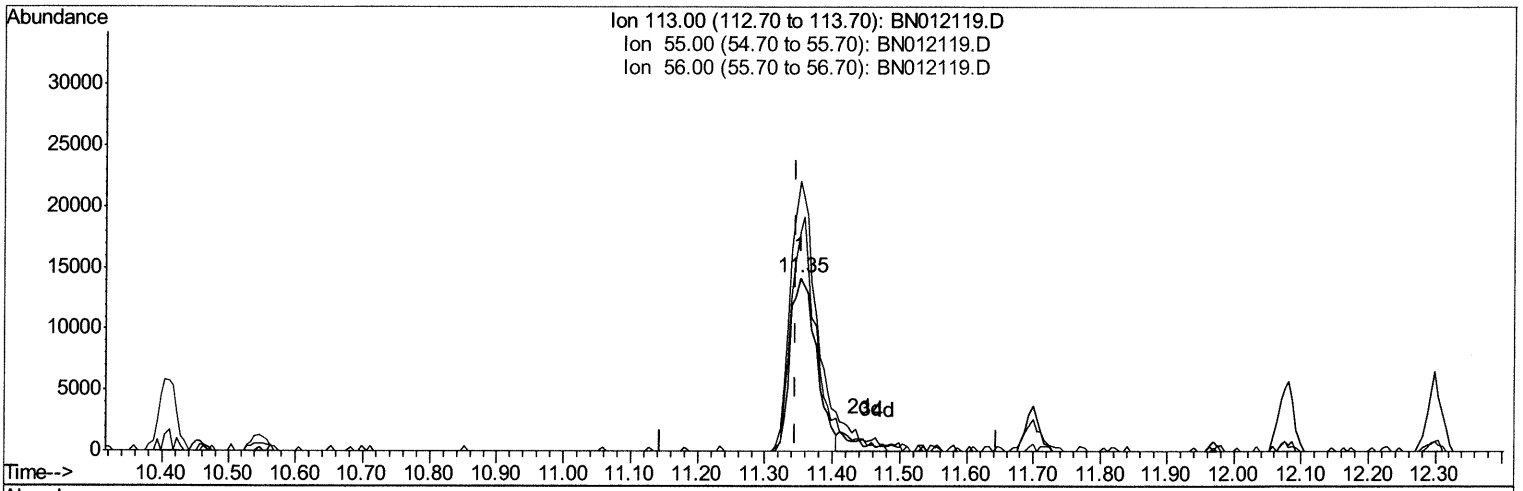

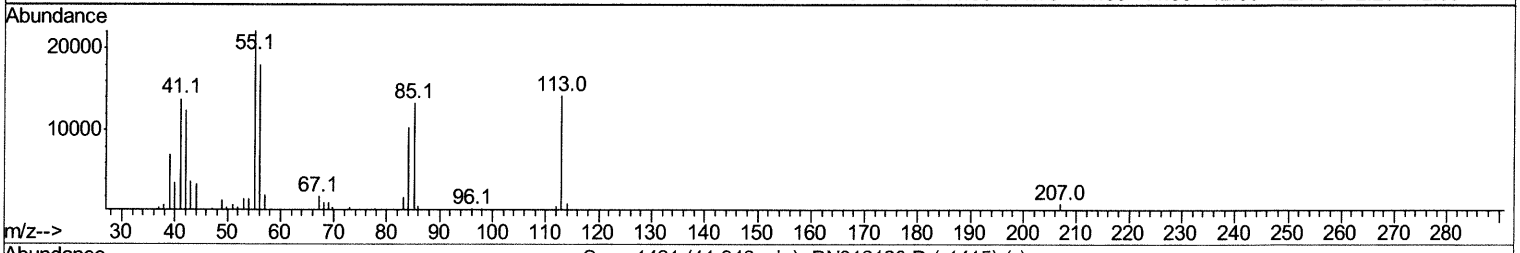

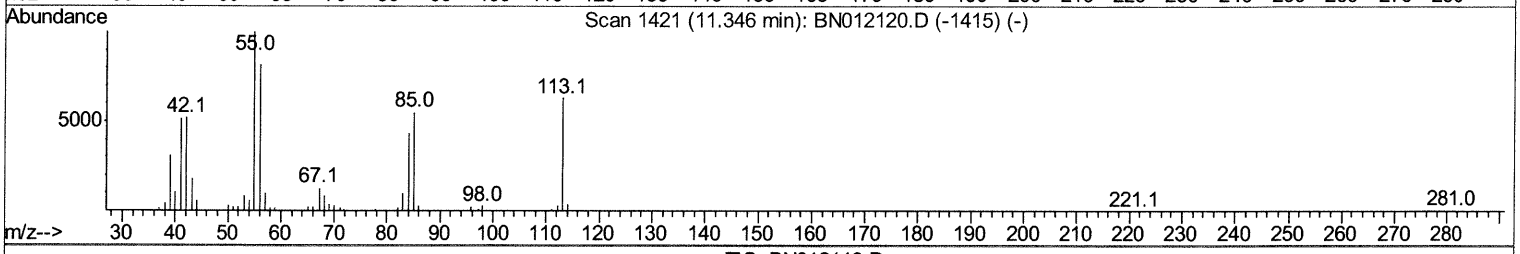

TIC: BN012119.D

(32) Caprolactam

11.352min (+0.006) 9.97ng/ul

response 38073

Ion	Exp%	Act%
113.00	100	100
55.00	158.80	155.87
56.00	129.40	126.81
0.00	0.00	0.00

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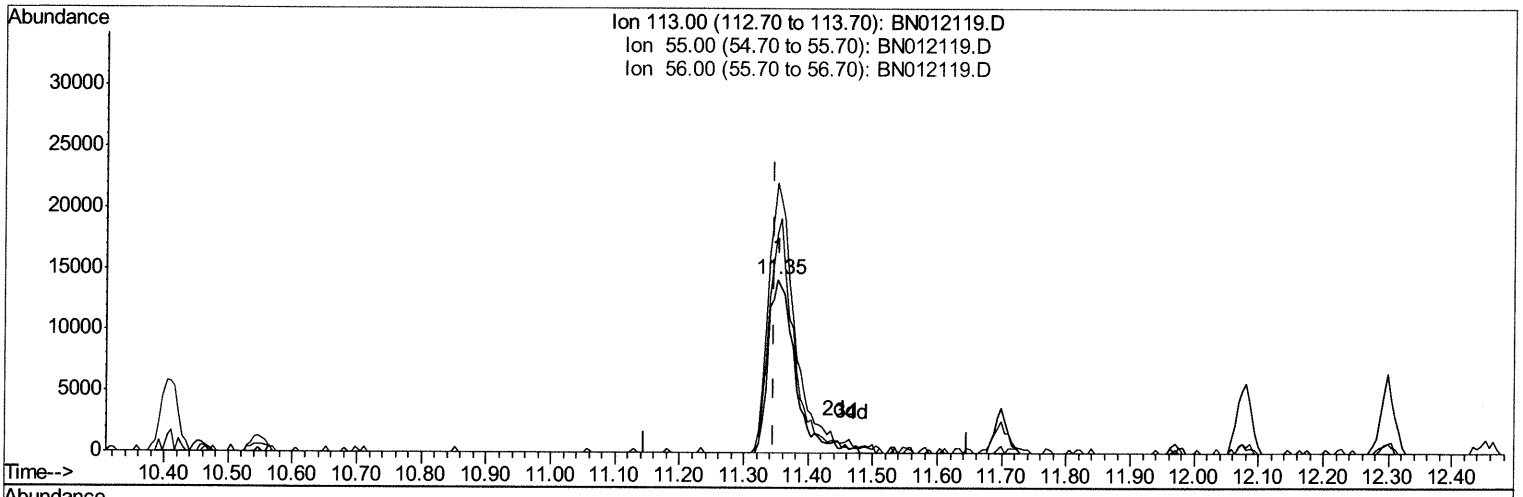

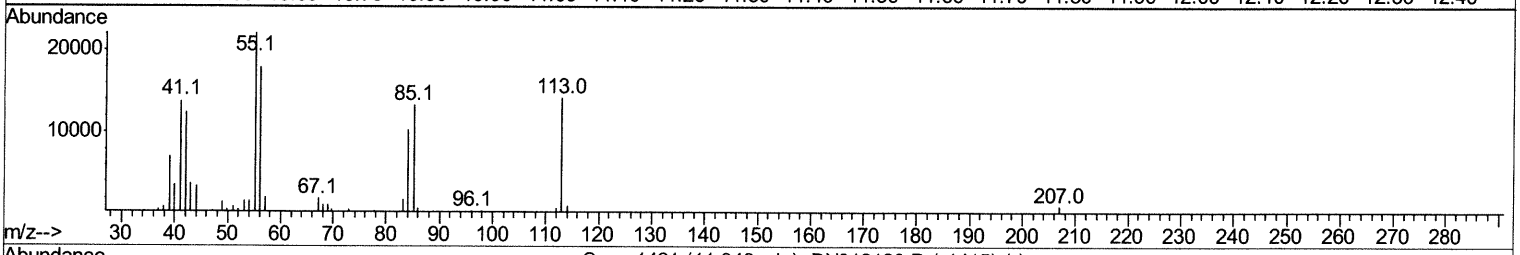

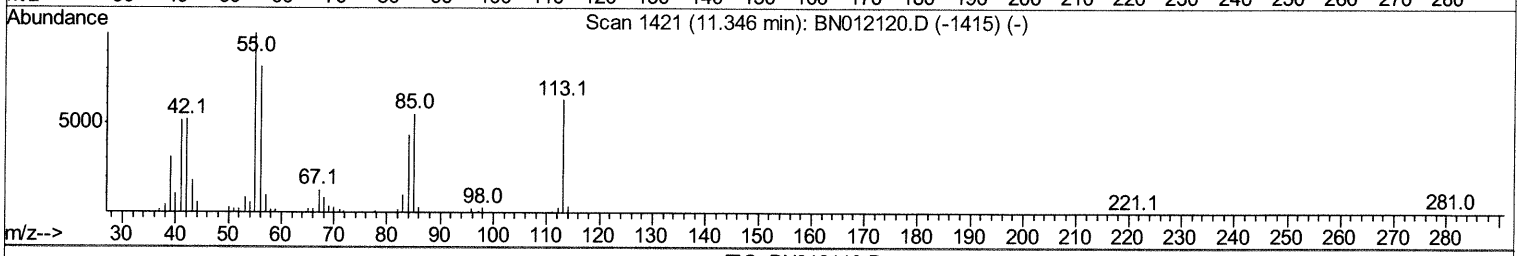

TIC: BN012119.D

(32) Caprolactam

11.352min (+0.006) 10.83ng/ul m

response 41367

JU 10/15/20

Ion	Exp%	Act%
113.00	100	100
55.00	158.80	155.87
56.00	129.40	126.81
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	7.63	152	216088	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	830805	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	526136	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	1179019	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	1253865	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	1299803	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	19808	3.99	ng/uL	0.00
5) Phenol-d5	6.81	99	169203	9.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	107033	9.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	140436	9.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	136288	9.60	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	64342	9.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	68639	9.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	137148	10.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	171037	10.60	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	419940	10.18	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	498250	10.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	64721	8.52	ng/ul	0.00
58) Fluorene-d10	15.27	176	359588	9.98	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	64924	8.63	ng/ul	0.00
71) Anthracene-d10	17.12	188	564296	9.87	ng/ul	0.00
79) Pyrene-d10	19.43	212	631792	9.58	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	735552	10.08	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	23374	3.749	ng/uL	97
4) Benzaldehyde	6.79	77	120980	11.653	ng/ul	96
6) Phenol	6.84	94	183587	9.786	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.07	93	148732	9.759	ng/ul	97
10) 2-Chlorophenol	7.20	128	146973	9.744	ng/ul	99
11) 2-Methylphenol	8.08	108	134507	9.653	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.17	45	198177	10.082	ng/ul	99
14) Acetophenone	8.45	105	219227	9.689	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.44	70	116193	10.234	ng/ul	96
16) 4-Methylphenol	8.40	108	144676	9.683	ng/ul	94
17) Hexachloroethane	8.70	117	64119	9.343	ng/ul	92
20) Nitrobenzene	8.82	77	180498	9.899	ng/ul	91
21) Isophorone	9.35	82	305117	9.983	ng/ul	99
23) 2-Nitrophenol	9.53	139	79909	10.126	ng/ul	96
24) 2,4-Dimethylphenol	9.59	107	165893	9.688	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.83	93	199117	10.382	ng/ul	99
27) 2,4-Dichlorophenol	10.06	162	134482	9.706	ng/ul	92
28) Naphthalene	10.46	128	489617	10.297	ng/ul	97
30) 4-Chloroaniline	10.58	127	173809	10.699	ng/ul	99
31) Hexachlorobutadiene	10.75	225	91693	9.774	ng/ul	97
32) Caprolactam	11.35	113	41367m	10.827	ng/ul	97
33) 4-Chloro-3-methylphenol	11.70	107	149432	9.924	ng/ul	98
34) 2-Methylnaphthalene	12.08	142	321794	9.847	ng/ul	94

> JU 10/13/20

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.30	142	328168	10.162	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.45	216	164546	9.654	ng/ul	98
38) Hexachlorocyclopentadiene	12.43	237	102556	8.510	ng/ul	97
39) 2,4,6-Trichlorophenol	12.70	196	107851	10.093	ng/ul	95
40) 2,4,5-Trichlorophenol	12.76	196	111811	9.699	ng/ul	97
41) 1,1'-Biphenyl	13.10	154	427956	9.820	ng/ul	98
42) 2-Chloronaphthalene	13.14	162	342205	9.859	ng/ul	99
43) 2-Nitroaniline	13.35	65	89416	8.990	ng/ul	97
45) Dimethylphthalate	13.74	163	437906	10.297	ng/ul	100
46) 2,6-Dinitrotoluene	13.86	165	81422	9.809	ng/ul	98
48) Acenaphthylene	14.00	152	510502	9.862	ng/ul	99
49) 3-Nitroaniline	14.19	138	74820	9.878	ng/ul#	89
50) Acenaphthene	14.34	153	370344	9.955	ng/ul	96
51) 2,4-Dinitrophenol	14.39	184	37834	7.476	ng/ul	97
53) 4-Nitrophenol	14.49	109	63250	8.932	ng/ul	96
54) Dibenzofuran	14.68	168	518464	10.215	ng/ul	99
55) 2,4-Dinitrotoluene	14.65	165	122190	10.140	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.90	232	96511	10.030	ng/ul#	96
57) Diethylphthalate	15.11	149	467583	10.683	ng/ul	99
59) Fluorene	15.33	166	433945	10.199	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.33	204	208210	10.026	ng/ul	93
61) 4-Nitroaniline	15.35	138	76464	9.343	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.41	198	72961	8.915	ng/ul#	97
65) N-Nitrosodiphenylamine	15.54	169	366687	9.752	ng/ul	96
66) 4-Bromophenyl-phenylether	16.22	248	126696	9.396	ng/ul	97
67) Hexachlorobenzene	16.33	284	150137	9.542	ng/ul	99
68) Atrazine	16.50	200	130135	9.459	ng/ul	95
69) Pentachlorophenol	16.67	266	79356	8.507	ng/ul	96
70) Phenanthrene	17.07	178	710335	9.889	ng/ul	99
72) Anthracene	17.16	178	720701	9.937	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	157741	9.203	ng/uL	98
74) Pentachlorobenzene	14.60	250	171662	9.764	ng/uL	95
75) Carbazole	17.43	167	598796	9.508	ng/ul	98
76) Di-n-butylphthalate	18.00	149	807998	10.104	ng/ul	100
77) Fluoranthene	19.09	202	830808	10.298	ng/ul	100
80) Pyrene	19.46	202	880409	9.734	ng/ul	98
81) Butylbenzylphthalate	20.37	149	366158	9.847	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.15	252	268892	9.218	ng/ul	100
83) Benzo(a)anthracene	21.21	228	841495	9.962	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.16	149	581670	10.193	ng/ul#	95
85) Chrysene	21.26	228	849580	10.231	ng/ul	97
87) Di-n-octyl phthalate	22.03	149	1006791	10.429	ng/ul	100
88) Benzo(b)fluoranthene	22.77	252	924534	10.153	ng/ul	99
89) Benzo(k)fluoranthene	22.82	252	865274	9.647	ng/ul	98
91) Benzo(a)pyrene	23.33	252	819842	9.926	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.62	276	1037658	9.838	ng/ul	96
93) Dibenzo(a,h)anthracene	25.63	278	876111	10.083	ng/ul	99
94) Benzo(g,h,i)perylene	26.30	276	857301	9.544	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