Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP020821\
Data File : BP004690.D
Acq On : 08 Feb 2021 13:11
Operator : CG/JU
Sample : SSTD04081
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 08 13:48:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 08 13:10:34 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD04081

Manual Integrations APPROVED
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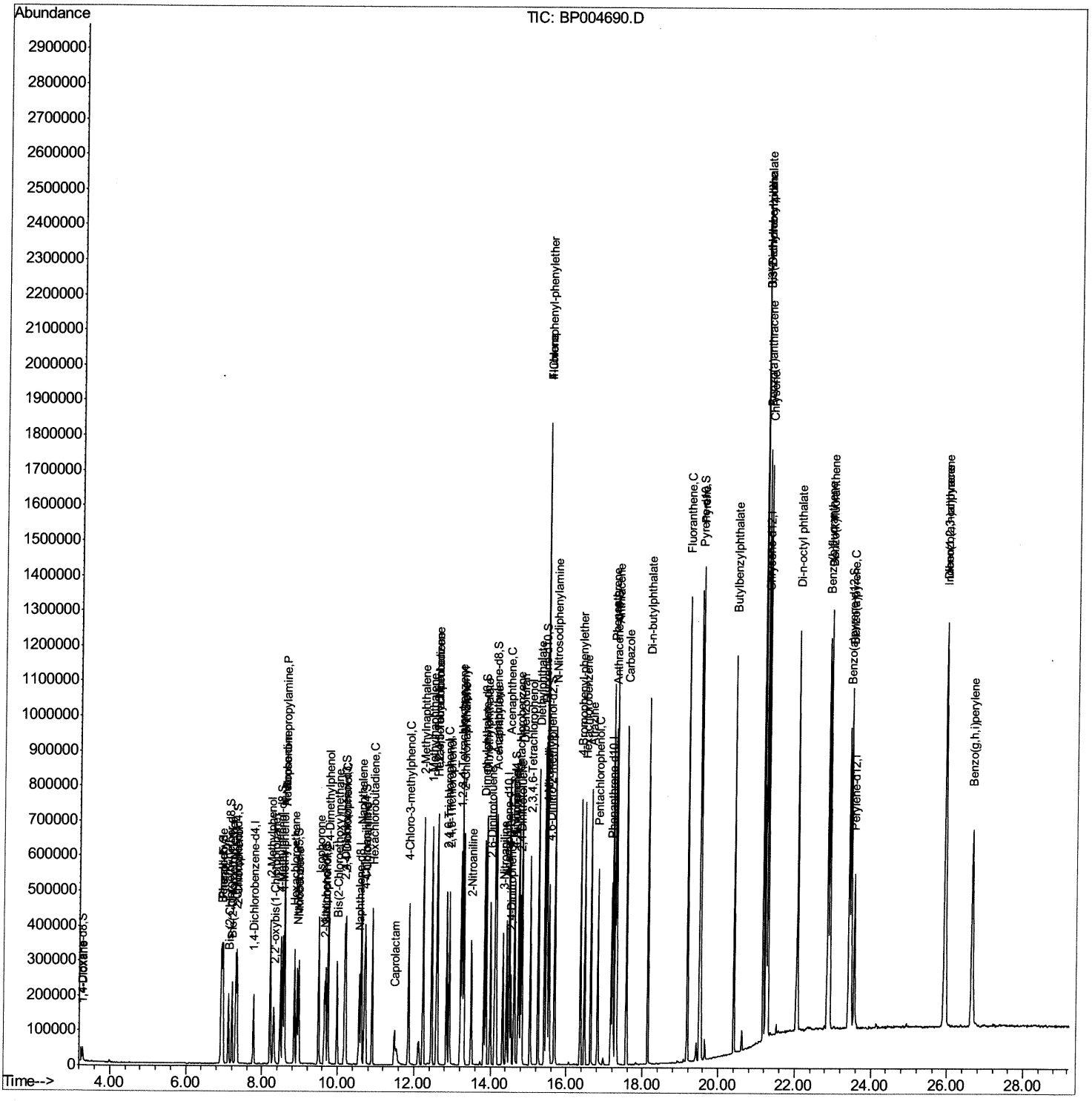

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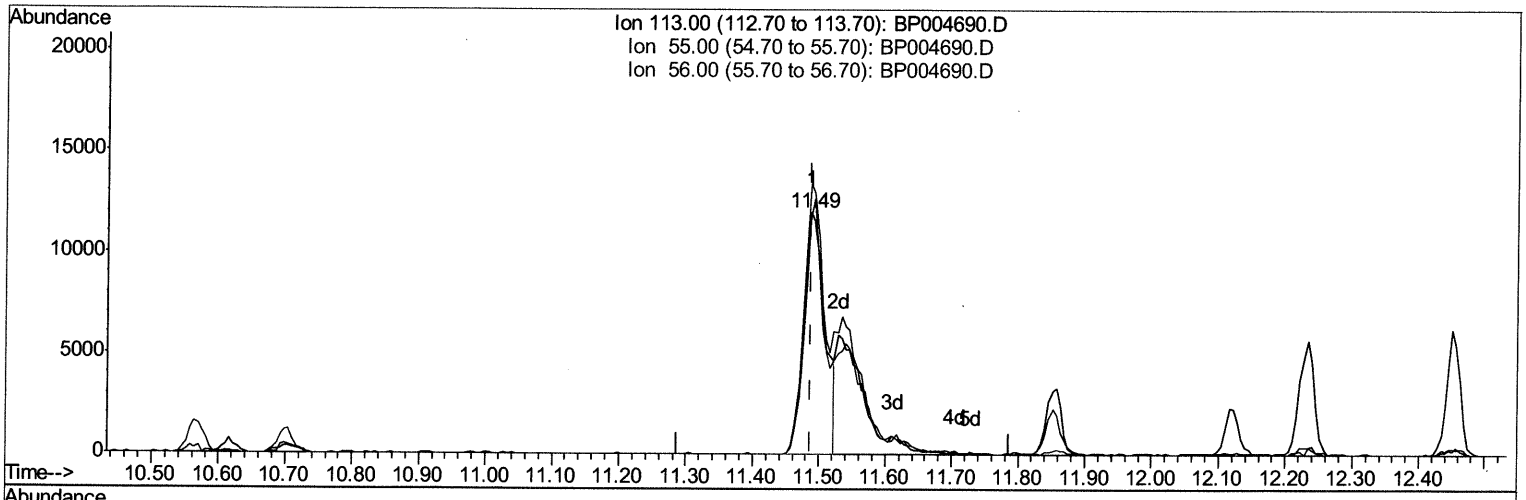

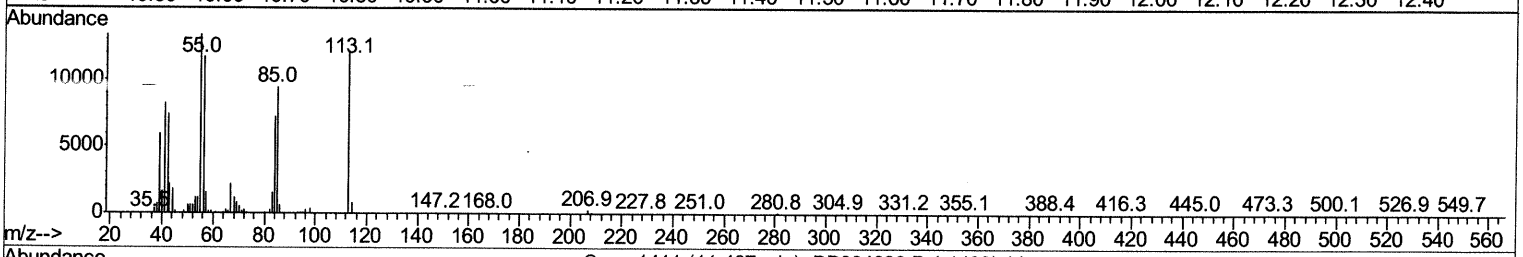

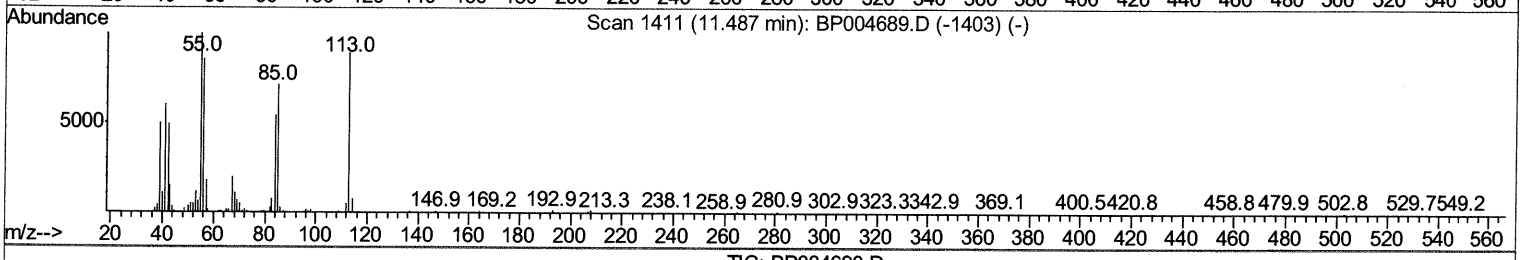

TIC: BP004690.D

(32) Caprolactam

11.487min (+0.000) 26.48ng/ul

response 25814

Ion	Exp%	Act%
113.00	100	100
55.00	113.50	111.74
56.00	96.60	98.00
0.00	0.00	0.00

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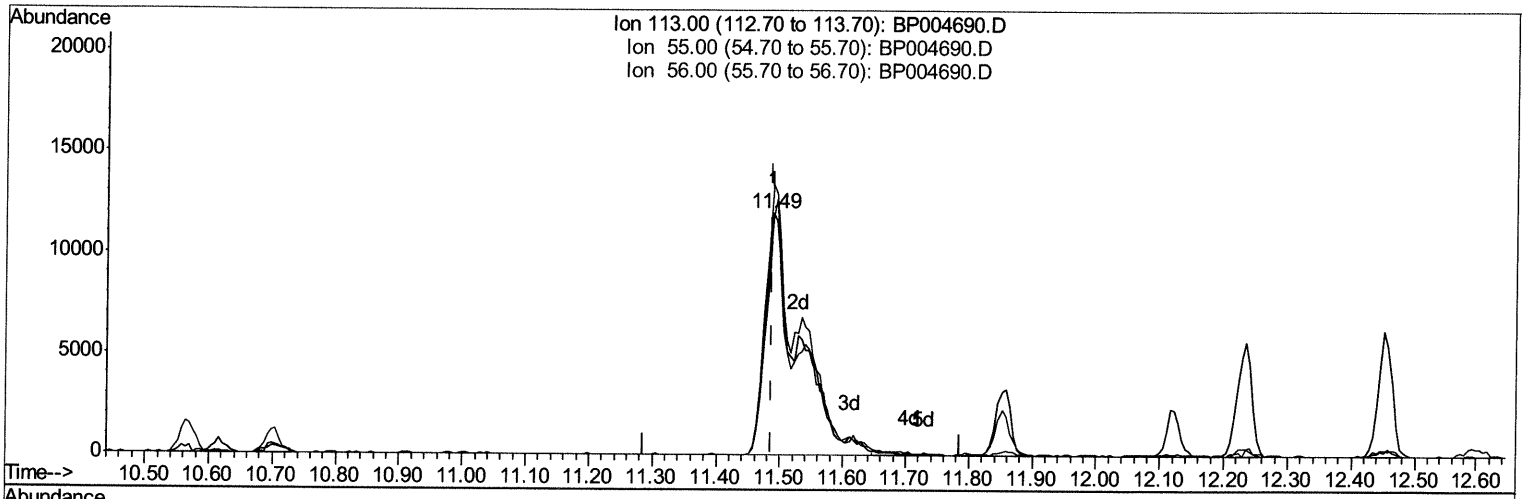

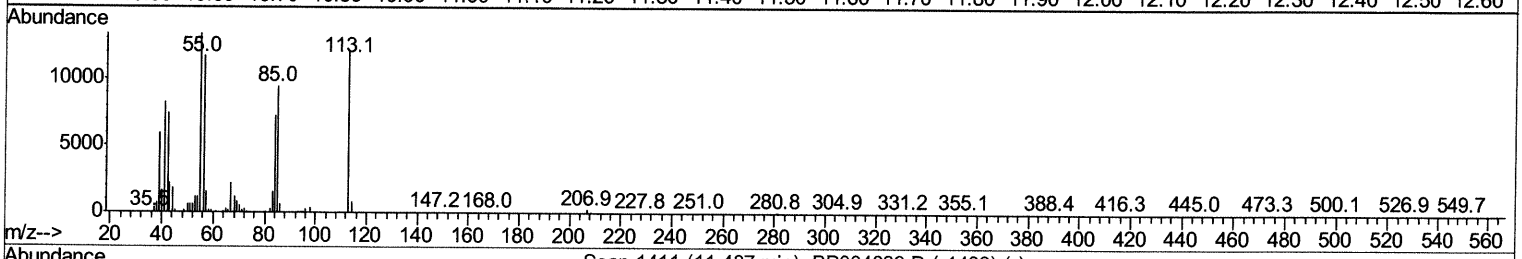

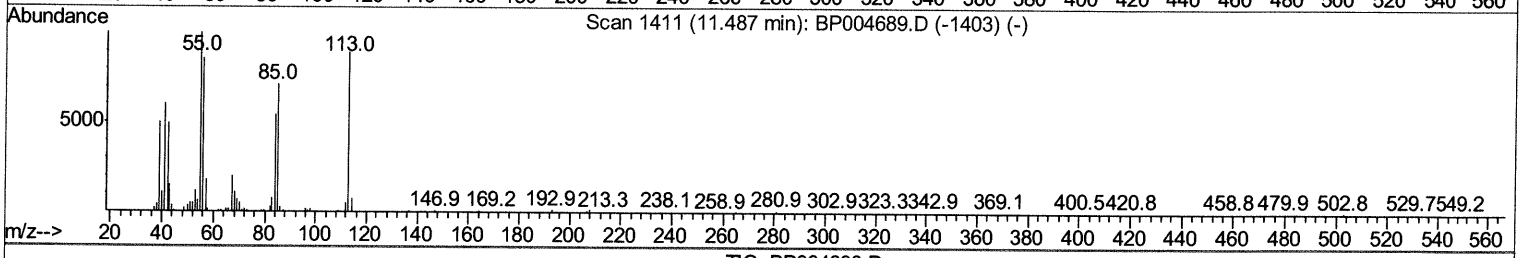

TIC: BP004690.D

(32) Caprolactam

11.487min (+0.000) 43.63ng/ul m 02/10/21 JU

response 42528

Ion	Exp%	Act%
113.00	100	100
55.00	113.50	111.74
56.00	96.60	98.00
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	7.78	152	49478	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	202929	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.42	164	135604	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.17	188	301287	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	326506	20.00	ng/ul	0.00
86) Perylene-d12	23.56	264	318141	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	19105	19.95	ng/uL	0.00
5) Phenol-d5	6.94	99	160315	45.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	83234	40.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	122104	48.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	127383	46.38	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	57809	42.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	65964	38.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	128265	32.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	154194	46.96	ng/ul	0.00
44) Dimethylphthalate-d6	13.83	166	393726	39.17	ng/ul	0.00
47) Acenaphthylene-d8	14.11	160	482733	40.20	ng/ul	0.00
52) 4-Nitrophenol-d4	14.62	143	70607	47.47	ng/ul	0.00
58) Fluorene-d10	15.42	176	333698	36.98	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.53	200	72732	39.95	ng/ul	0.00
71) Anthracene-d10	17.27	188	533843	39.83	ng/ul	0.00
79) Pyrene-d10	19.51	212	621842	38.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.42	264	656423	39.87	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	20225	20.468	ng/uL	91
4) Benzaldehyde	6.92	77	100675	46.573	ng/ul	98
6) Phenol	6.96	94	167578	44.513	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.20	93	122609	45.200	ng/ul	98
10) 2-Chlorophenol	7.34	128	128835	47.848	ng/ul	97
11) 2-Methylphenol	8.21	108	125655	44.497	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.30	45	95502	33.618	ng/ul	98
14) Acetophenone	8.59	105	209671	43.889	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.59	70	104156	41.415	ng/ul	98
16) 4-Methylphenol	8.55	108	134320	45.117	ng/ul	98
17) Hexachloroethane	8.85	117	55643	44.790	ng/ul	97
20) Nitrobenzene	8.98	77	161043	36.594	ng/ul	98
21) Isophorone	9.50	82	281491	37.183	ng/ul	99
23) 2-Nitrophenol	9.68	139	71878	41.206	ng/ul	97
24) 2,4-Dimethylphenol	9.74	107	167599	39.428	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.98	93	161454	39.088	ng/ul	98
27) 2,4-Dichlorophenol	10.21	162	126659	32.915	ng/ul	97
28) Naphthalene	10.62	128	411265	41.460	ng/ul	97
30) 4-Chloroaniline	10.73	127	161798	47.480	ng/ul	98
31) Hexachlorobutadiene	10.90	225	90312	26.544	ng/ul	97
32) Caprolactam	11.49	113	42528m>	43.628	ng/ul>	02/USJ
33) 4-Chloro-3-methylphenol	11.85	107	152762	40.438	ng/ul	99
34) 2-Methylnaphthalene	12.23	142	301206	37.086	ng/ul	98

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Instrument :
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Manual Integrations APPROVED
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.45	142	288135	36.426 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.60	216	172013	33.876 ng/ul	98
38) Hexachlorocyclopentadiene	12.59	237	109825	30.207 ng/ul	97
39) 2,4,6-Trichlorophenol	12.85	196	107056	35.843 ng/ul	95
40) 2,4,5-Trichlorophenol	12.91	196	118993	36.950 ng/ul	97
41) 1,1'-Biphenyl	13.25	154	387814	40.577 ng/ul	99
42) 2-Chloronaphthalene	13.29	162	307368	39.463 ng/ul	97
43) 2-Nitroaniline	13.50	65	95580	45.710 ng/ul	96
45) Dimethylphthalate	13.88	163	405018	39.707 ng/ul	100
46) 2,6-Dinitrotoluene	13.99	165	82917	41.564 ng/ul	96
48) Acenaphthylene	14.14	152	457460	42.446 ng/ul	100
49) 3-Nitroaniline	14.32	138	76229	52.226 ng/ul#	95
50) Acenaphthene	14.49	153	329645	41.798 ng/ul	98
51) 2,4-Dinitrophenol	14.53	184	49139	35.945 ng/ul	97
53) 4-Nitrophenol	14.63	109	80367	41.319 ng/ul	94
54) Dibenzofuran	14.82	168	467336	38.104 ng/ul	99
55) 2,4-Dinitrotoluene	14.78	165	119716	42.541 ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.05	232	105370	33.603 ng/ul	96
57) Diethylphthalate	15.25	149	414138	42.746 ng/ul	100
59) Fluorene	15.47	166	397911	38.614 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.47	204	212901	34.386 ng/ul	96
61) 4-Nitroaniline	15.49	138	85103	50.415 ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.55	198	73704	39.689 ng/ul#	91
65) N-Nitrosodiphenylamine	15.68	169	337976	42.603 ng/ul	97
66) 4-Bromophenyl-phenylether	16.36	248	129276	35.076 ng/ul	98
67) Hexachlorobenzene	16.47	284	141307	34.113 ng/ul	100
68) Atrazine	16.64	200	137930	37.832 ng/ul	99
69) Pentachlorophenol	16.82	266	85749	33.195 ng/ul	95
70) Phenanthrene	17.22	178	634804	40.796 ng/ul	100
72) Anthracene	17.30	178	648805	40.857 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.21	216	172954	37.313 ng/uL	98
74) Pentachlorobenzene	14.74	250	167928	34.590 ng/uL	96
75) Carbazole	17.57	167	565325	42.469 ng/ul	100
76) Di-n-butylphthalate	18.14	149	688165	47.453 ng/ul	99
77) Fluoranthene	19.19	202	769890	38.053 ng/ul	98
80) Pyrene	19.54	202	795949	39.755 ng/ul	99
81) Butylbenzylphthalate	20.42	149	307725	50.603 ng/ul	93
82) 3,3'-Dichlorobenzidine	21.17	252	287210	41.346 ng/ul#	98
83) Benzo(a)anthracene	21.24	228	791628	40.197 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.17	149	465878	50.434 ng/ul	99
85) Chrysene	21.29	228	759971	39.740 ng/ul	99
87) Di-n-octyl phthalate	22.06	149	772601	48.870 ng/ul	100
88) Benzo(b)fluoranthene	22.86	252	823757	40.647 ng/ul	99
89) Benzo(k)fluoranthene	22.91	252	770392	39.197 ng/ul	100
91) Benzo(a)pyrene	23.46	252	708124	40.826 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.93	276	898375	40.294 ng/ul	97
93) Dibenzo(a,h)anthracene	25.94	278	758491	40.062 ng/ul	98
94) Benzo(g,h,i)perylene	26.66	276	731028	39.590 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