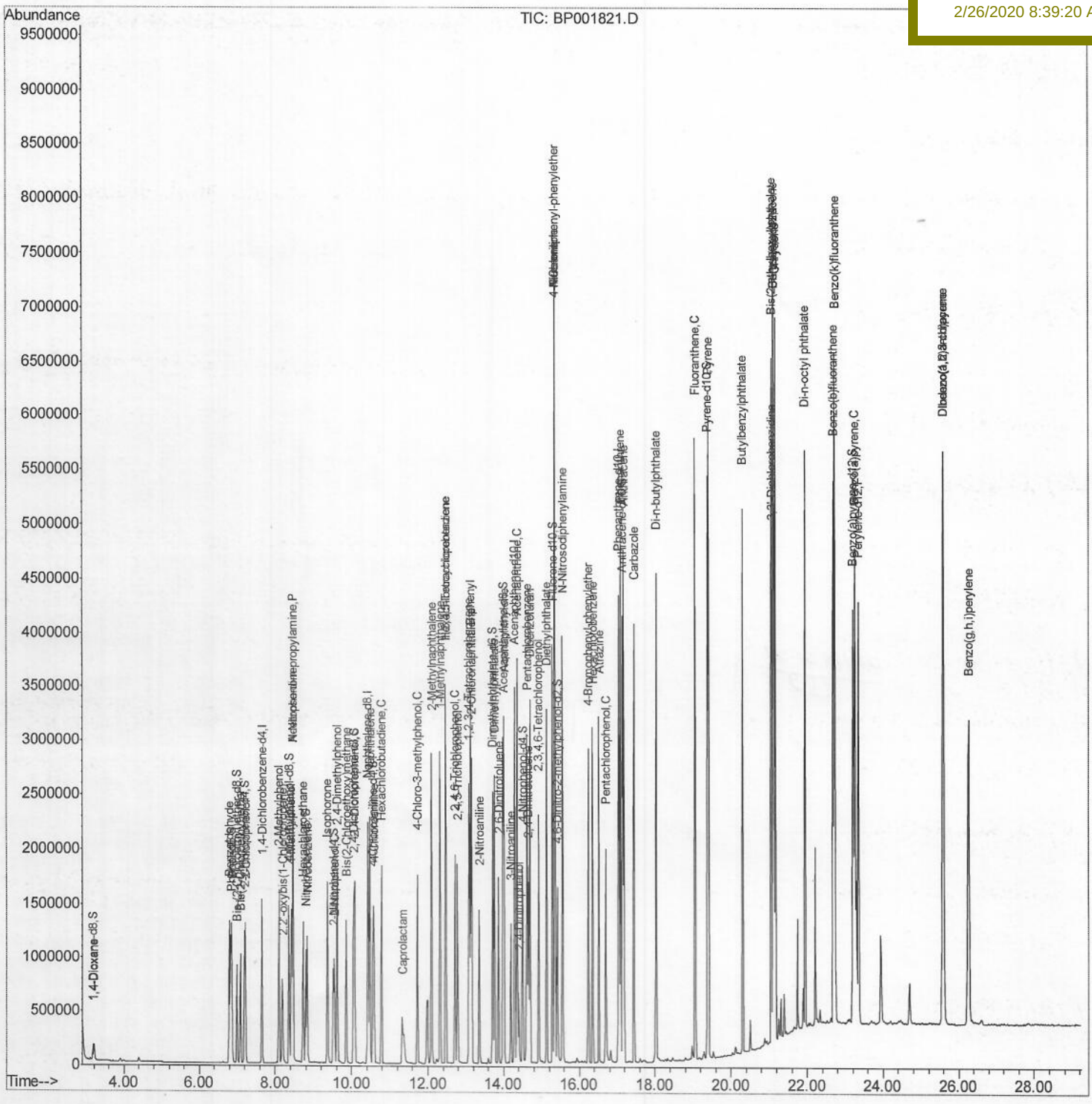
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP022120\
Data File : BP001821.D
Acq On : 21 Feb 2020 13:22
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 21 15:12:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 21 07:12:24 2020
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
SSTD02098

Manual Integrations APPROVED
mohammad
2/26/2020 8:39:20 AM



Quantitation Report (Qedit)

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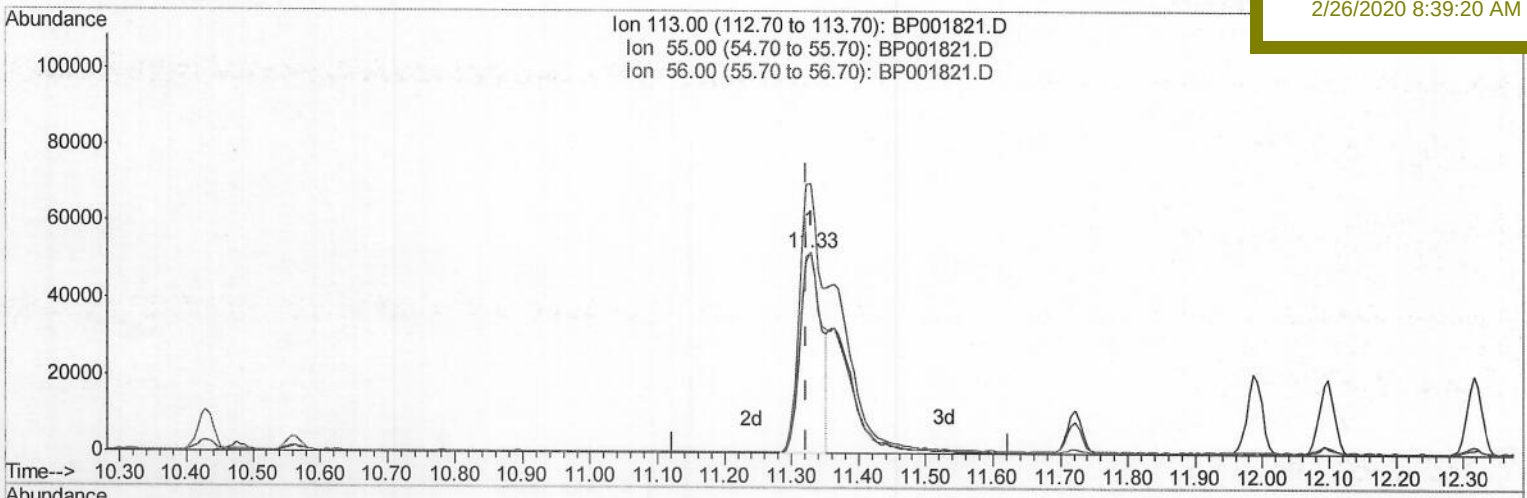

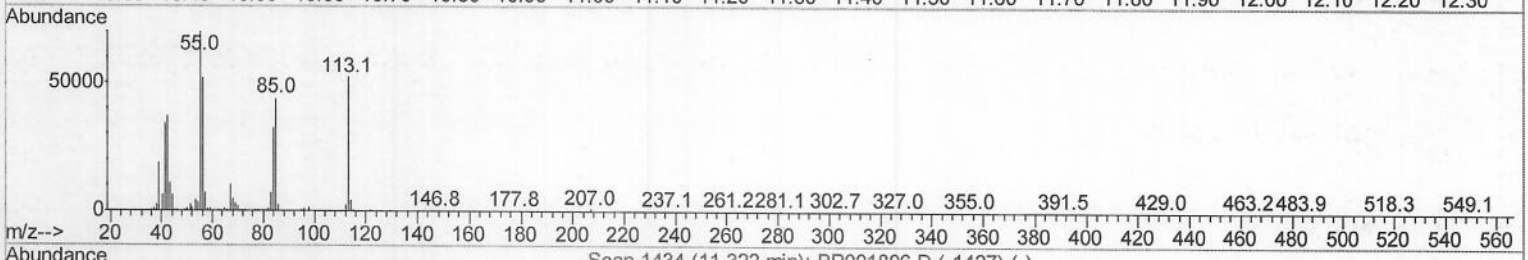

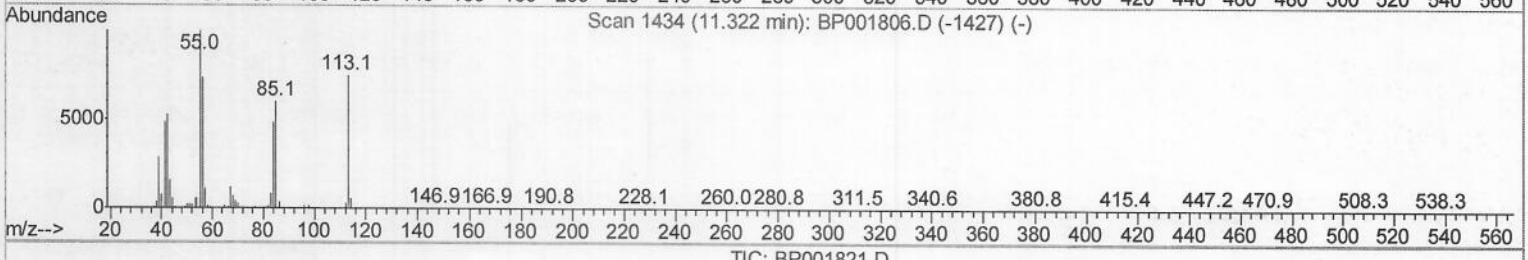

TIC: BP001821.D

(32) Caprolactam

11.328min (+0.006) 13.65ng/ul

response 115184

Ion	Exp%	Act%
113.00	100	100
55.00	138.80	134.22
56.00	107.70	99.28
0.00	0.00	0.00

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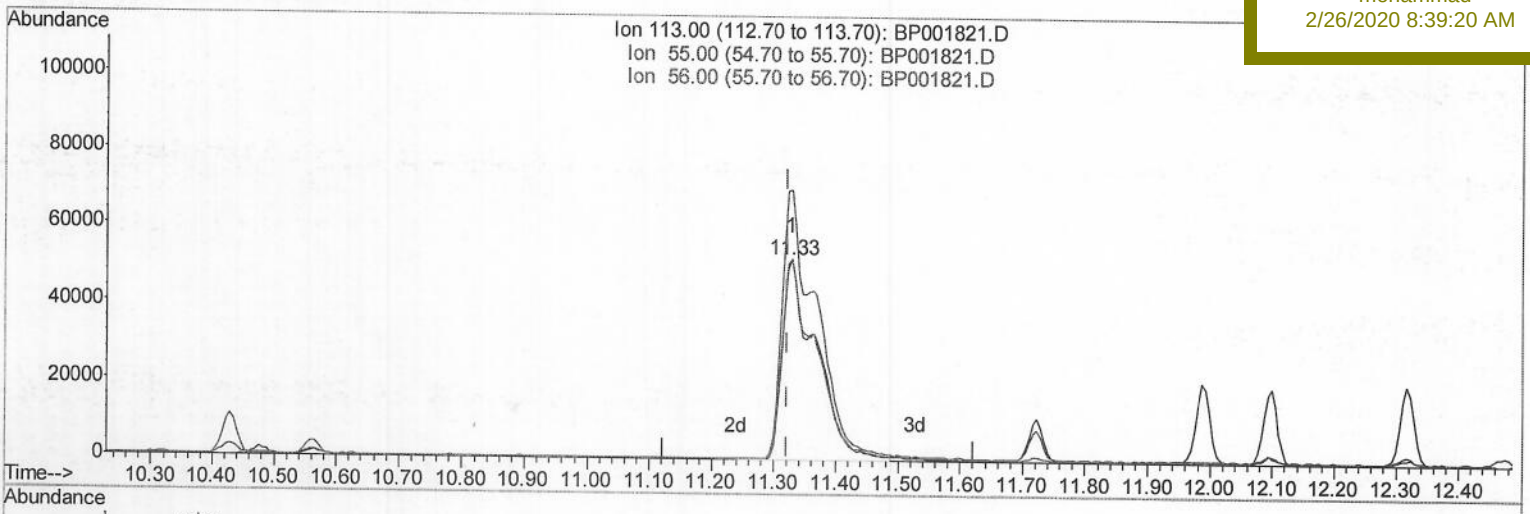

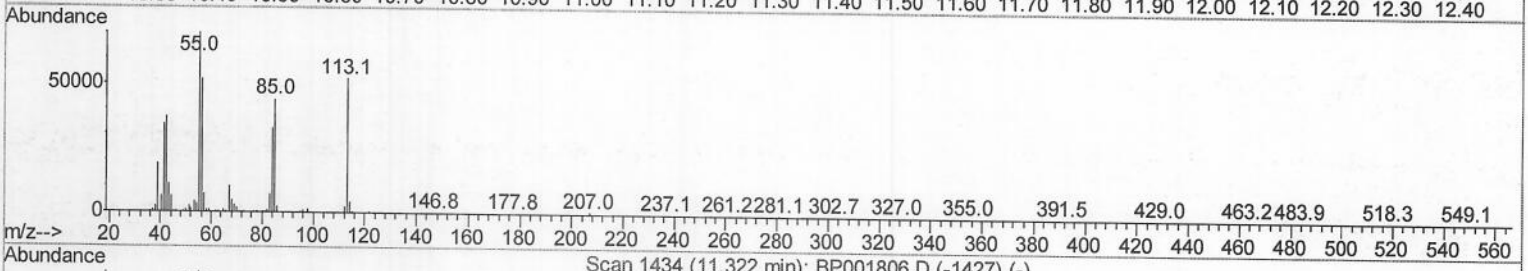

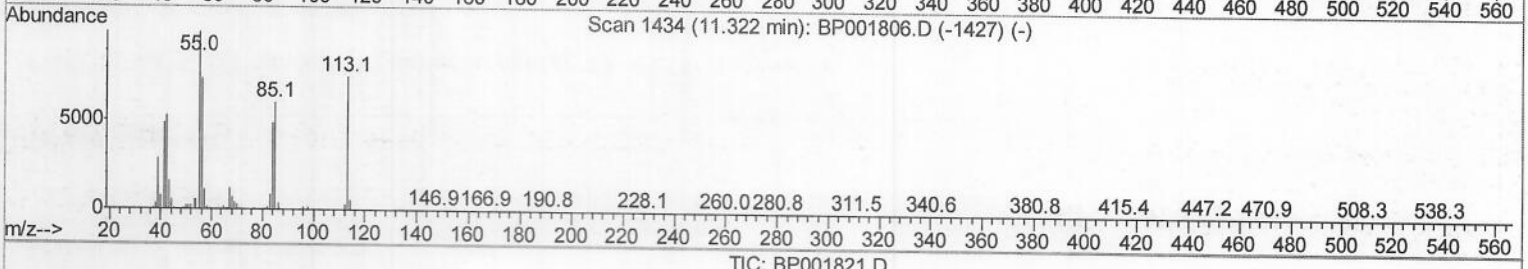

TIC: BP001821.D

(32) Caprolactam

11.328min (+0.006) 23.78ng/ul m> JV 02/28/20

response 200603

Ion	Exp%	Act%
113.00	100	100
55.00	138.80	134.22
56.00	107.70	99.28
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	7.66	152	449179	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1868702	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1200493	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2654603	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2463784	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2816387	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	77550	7.17	ng/uL	0.00
5) Phenol-d5	6.83	99	685174	20.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	374557	19.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	588817	21.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	568512	21.12	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	281287	22.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	310362	27.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	613654	22.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	684828	21.28	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	1776139	21.08	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	2176597	20.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	332880	22.69	ng/ul	0.00
58) Fluorene-d10	15.29	176	1560799	20.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	269185	25.72	ng/ul	0.00
71) Anthracene-d10	17.14	188	2381024	20.36	ng/ul	0.00
79) Pyrene-d10	19.39	212	2705980	21.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	2918391	21.46	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	82485	7.111	ng/uL	99
4) Benzaldehyde	6.80	77	446665	21.499	ng/ul	100
6) Phenol	6.86	94	711590	19.784	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.09	93	570492	19.669	ng/ul	96
10) 2-Chlorophenol	7.22	128	605665	20.874	ng/ul	99
11) 2-Methylphenol	8.10	108	557882	20.487	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.19	45	656984	19.011	ng/ul	97
14) Acetophenone	8.47	105	859153	20.653	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.46	70	412344	21.379	ng/ul	98
16) 4-Methylphenol	8.42	108	606721	20.693	ng/ul	97
17) Hexachloroethane	8.73	117	238782	20.688	ng/ul	96
20) Nitrobenzene	8.84	77	638713	20.369	ng/ul	96
21) Isophorone	9.36	82	1241880	21.548	ng/ul	99
23) 2-Nitrophenol	9.55	139	342938	25.017	ng/ul	98
24) 2,4-Dimethylphenol	9.62	107	645301	20.960	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.85	93	777157	19.926	ng/ul	99
27) 2,4-Dichlorophenol	10.08	162	606576	21.725	ng/ul	99
28) Naphthalene	10.48	128	1971641	19.744	ng/ul	100
30) 4-Chloroaniline	10.59	127	685595	21.083	ng/ul	99
31) Hexachlorobutadiene	10.78	225	405140	20.520	ng/ul	99
32) Caprolactam	11.33	113	200603m	23.780	ng/ul	
33) 4-Chloro-3-methylphenol	11.72	107	606744	22.823	ng/ul	98
34) 2-Methylnaphthalene	12.10	142	1410282	20.487	ng/ul	100

> SV 02/28/20

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Response via : Initial Calibration

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LabSampleId : SSTD02098

Manual Integrations APPROVED
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2/26/2020 8:39:20 AM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.32	142	1382299	20.376 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	769254	19.673 ng/ul	99
38) Hexachlorocyclopentadiene	12.46	237	452005	21.400 ng/ul	100
39) 2,4,6-Trichlorophenol	12.72	196	501978	24.018 ng/ul	100
40) 2,4,5-Trichlorophenol	12.79	196	538328	23.395 ng/ul	99
41) 1,1'-Biphenyl	13.12	154	1845693	19.721 ng/ul	99
42) 2-Chloronaphthalene	13.16	162	1456759	19.714 ng/ul	99
43) 2-Nitroaniline	13.36	65	351004	23.663 ng/ul	92
45) Dimethylphthalate	13.76	163	1840934	20.762 ng/ul	100
46) 2,6-Dinitrotoluene	13.86	165	380583	24.629 ng/ul	95
48) Acenaphthylene	14.01	152	2293625	20.380 ng/ul	99
49) 3-Nitroaniline	14.19	138	349868	22.239 ng/ul#	93
50) Acenaphthene	14.36	153	1524040	19.818 ng/ul	100
51) 2,4-Dinitrophenol	14.40	184	163989	25.573 ng/ul	93
53) 4-Nitrophenol	14.50	109	236042	21.733 ng/ul	96
54) Dibenzofuran	14.69	168	2157620	19.922 ng/ul	100
55) 2,4-Dinitrotoluene	14.66	165	554126	24.355 ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	14.92	232	477593	25.681 ng/ul	98
57) Diethylphthalate	15.13	149	1841292	21.718 ng/ul	99
59) Fluorene	15.35	166	1746976	20.277 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.35	204	911917	20.396 ng/ul	99
61) 4-Nitroaniline	15.36	138	404242	22.758 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.42	198	299348	25.647 ng/ul	100
65) N-Nitrosodiphenylamine	15.56	169	1528068	20.077 ng/ul	100
66) 4-Bromophenyl-phenylether	16.24	248	595976	20.454 ng/ul	97
67) Hexachlorobenzene	16.36	284	674355	20.055 ng/ul	98
68) Atrazine	16.52	200	605439	22.064 ng/ul	99
69) Pentachlorophenol	16.70	266	386978	23.771 ng/ul	97
70) Phenanthrene	17.09	178	2894960	19.775 ng/ul	99
72) Anthracene	17.17	178	2898606	20.044 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.08	216	835037	19.188 ng/uL	98
74) Pentachlorobenzene	14.62	250	814524	19.203 ng/uL	99
75) Carbazole	17.45	167	2582009	21.410 ng/ul	99
76) Di-n-butylphthalate	18.03	149	3232154	24.354 ng/ul	100
77) Fluoranthene	19.06	202	3503942	22.351 ng/ul	98
80) Pyrene	19.42	202	3525913	21.039 ng/ul	98
81) Butylbenzylphthalate	20.30	149	1491327	28.664 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.06	252	1256916	23.590 ng/ul	98
83) Benzo(a)anthracene	21.12	228	3410185	21.018 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	2183670	25.332 ng/ul	98
85) Chrysene	21.17	228	3261391	20.576 ng/ul	99
87) Di-n-octyl phthalate	21.95	149	3775424	26.767 ng/ul	100
88) Benzo(b)fluoranthene	22.69	252	3552906	21.439 ng/ul	99
89) Benzo(k)fluoranthene	22.73	252	3534839	20.578 ng/ul	99
91) Benzo(a)pyrene	23.25	252	3241693	20.872 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.58	276	3945771	20.339 ng/ul	99
93) Dibenzo(a,h)anthracene	25.60	278	3290337	20.193 ng/ul	98
94) Benzo(g,h,i)perylene	26.26	276	3297814	19.996 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

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