Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM041221\
Data File : BM029450.D
Acq On : 12 Apr 2021 13:54
Operator : CG/JU
Sample : SSTD04011
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 12 15:12:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM041221.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 12 15:01:13 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD040011

Manual Integrations APPROVED
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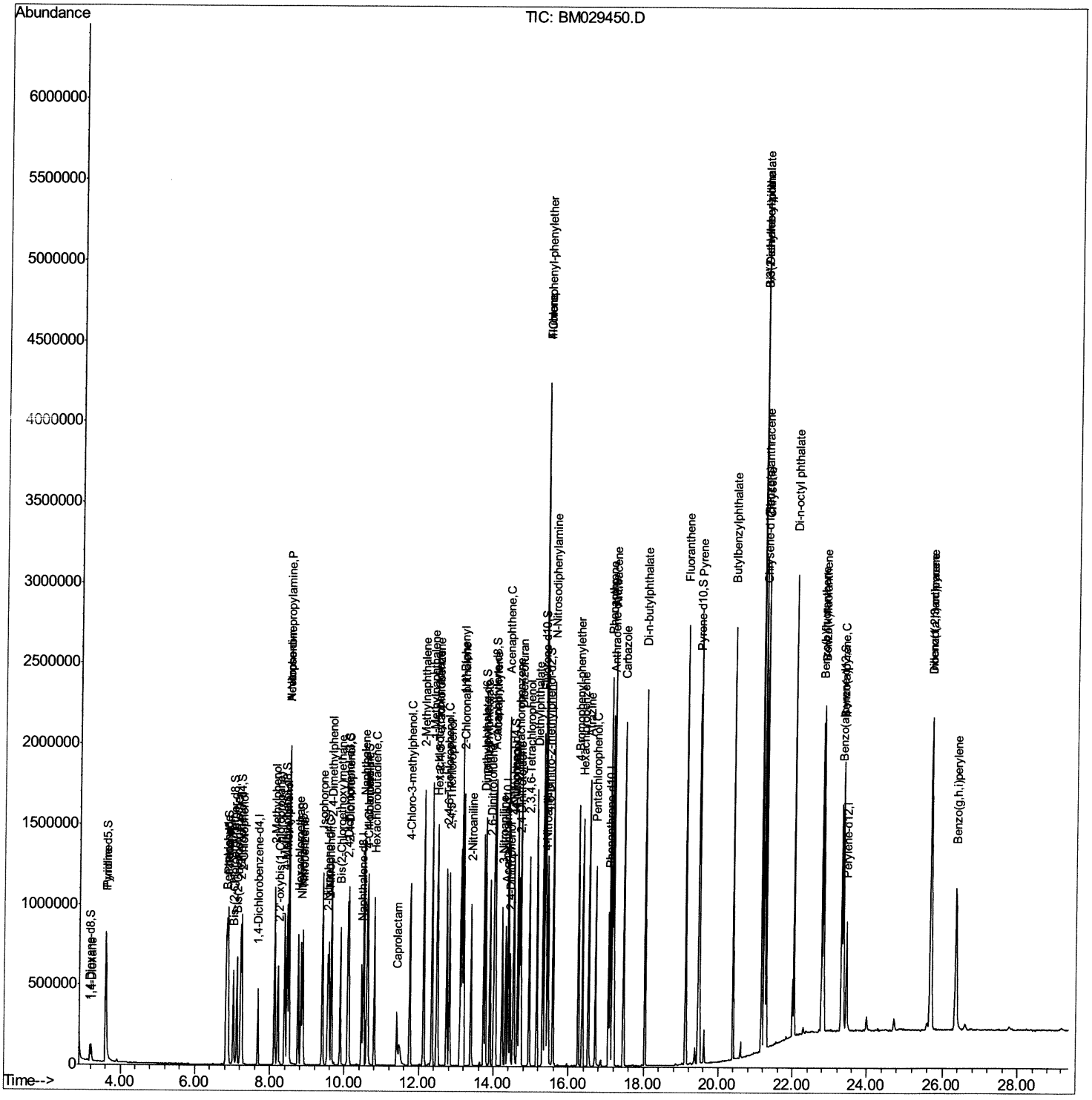

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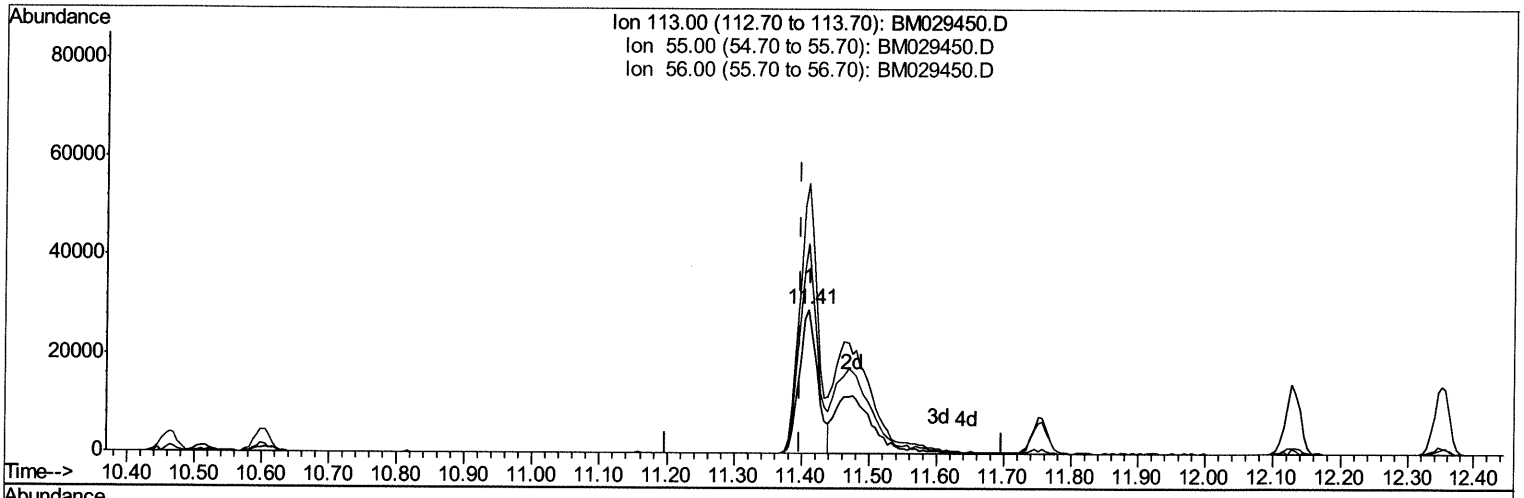

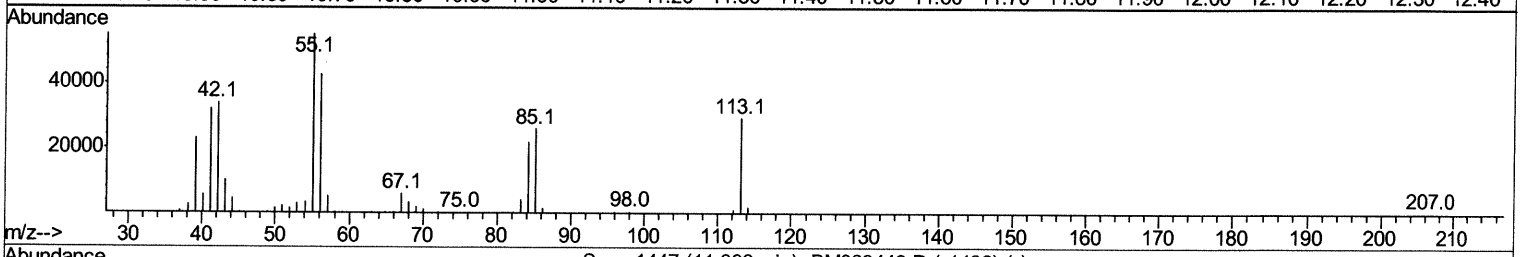

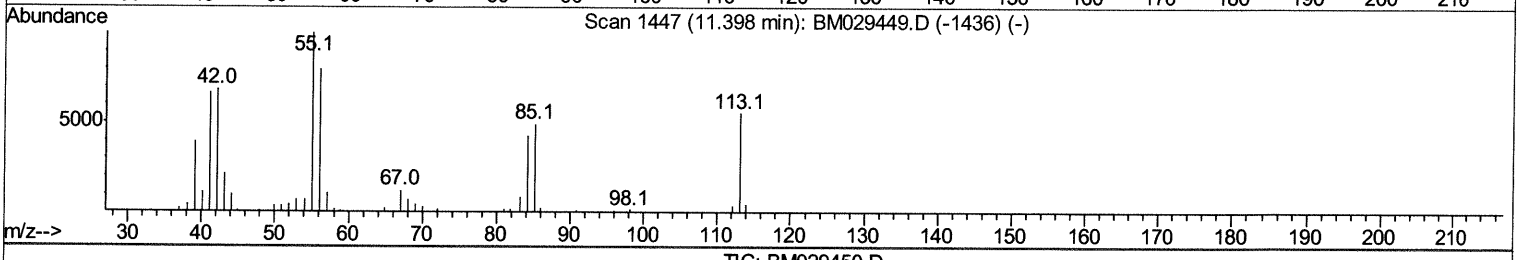

TIC: BM029450.D

(34) Caprolactam

11.410min (+0.012) 30.21ng/ul

response 54839

Ion	Exp%	Act%
113.00	100	100
55.00	181.00	187.70
56.00	144.20	145.67
0.00	0.00	0.00

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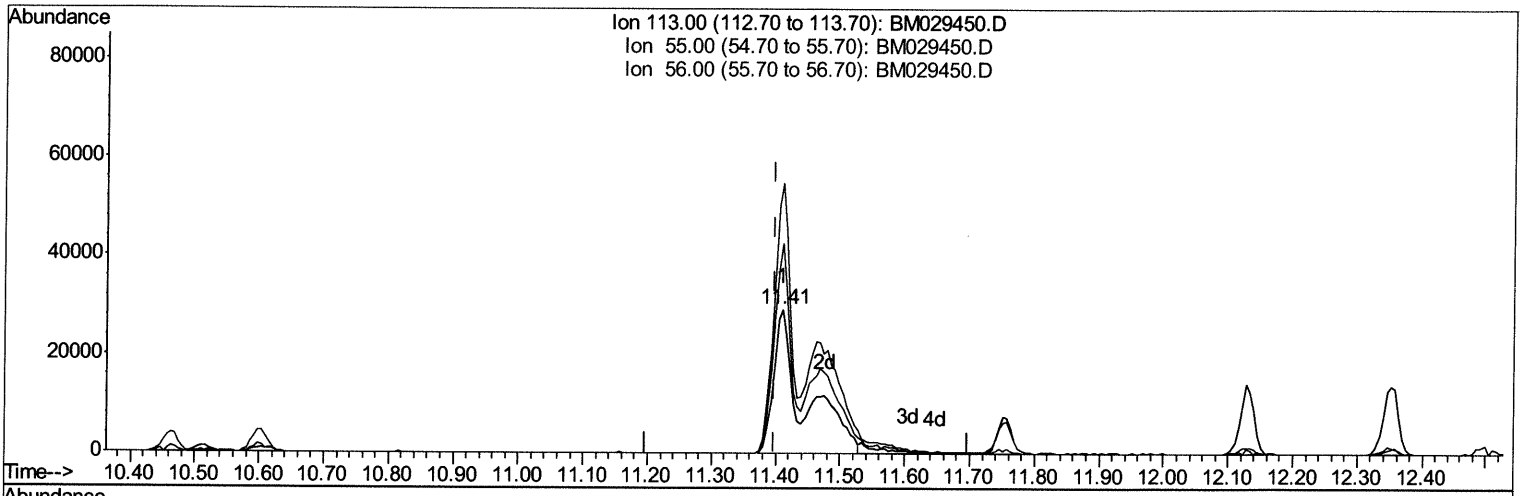

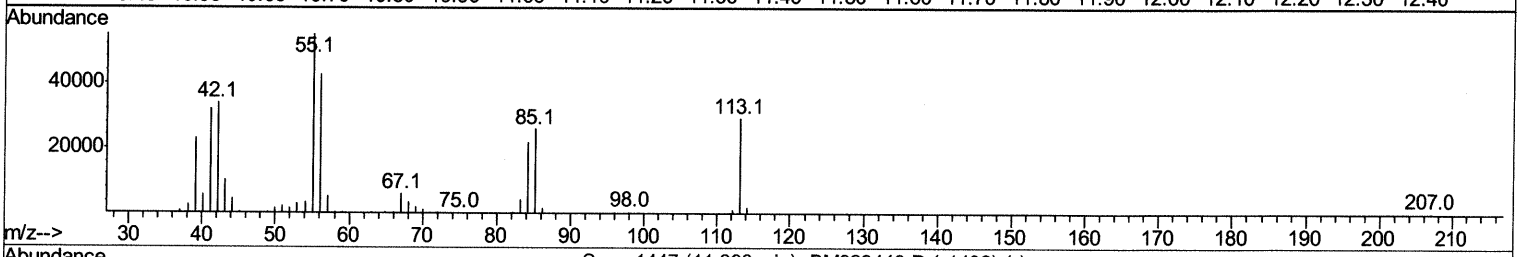

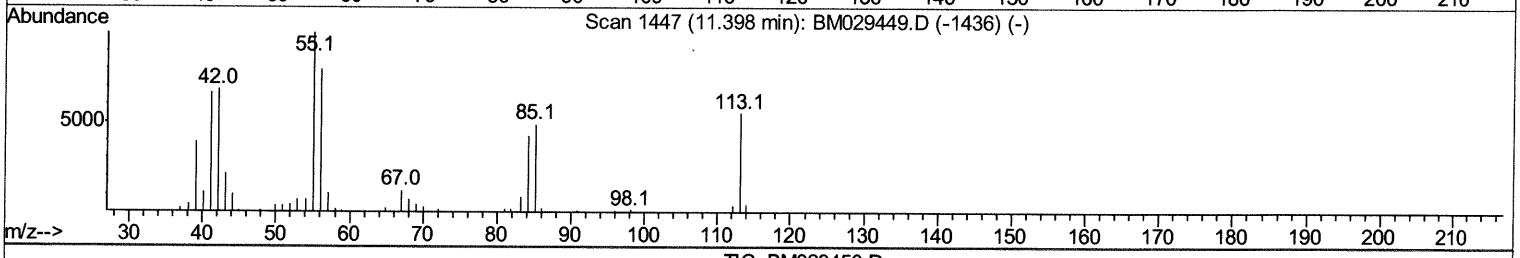

TIC: BM029450.D

(34) Caprolactam

11.410min (+0.012) 53.33ng/ul m 04/15/2021

response 96794

Ion	Exp%	Act%
113.00	100	100
55.00	181.00	187.70
56.00	144.20	145.67
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	7.68	152	106301	20.00	ng/ul	0.00
20) Naphthalene-d8	10.46	136	444073	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.32	164	255921	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.06	188	499224	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	450956	20.00	ng/ul	0.00
87) Perylene-d12	23.45	264	384518	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	47022	17.39	ng/uL	0.00
4) Pyridine-d5	3.59	84	326413	46.18	ng/ul	0.00
7) Phenol-d5	6.86	99	405305	48.28	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.02	67	264081	54.43	ng/ul	0.00
11) 2-Chlorophenol-d4	7.22	132	314081	48.07	ng/ul	0.00
15) 4-Methylphenol-d8	8.39	113	320492	49.18	ng/ul	0.00
21) Nitrobenzene-d5	8.83	128	148460	52.56	ng/ul	0.00
24) 2-Nitrophenol-d4	9.55	143	168049	62.41	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.09	165	305461	43.29	ng/ul	0.00
31) 4-Chloroaniline-d4	10.60	131	420005	42.07	ng/ul	0.00
46) Dimethylphthalate-d6	13.74	166	862711	44.70	ng/ul	0.00
49) Acenaphthylene-d8	14.01	160	1028099	45.06	ng/ul	0.00
54) 4-Nitrophenol-d4	14.53	143	163016	51.86	ng/ul	0.00
60) Fluorene-d10	15.32	176	705160	42.45	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.44	200	136898	58.17	ng/ul	0.00
73) Anthracene-d10	17.16	188	1038940	43.58	ng/ul	0.00
80) Pyrene-d10	19.46	212	1051019	49.94	ng/ul	0.00
91) Benzo(a)pyrene-d12	23.31	264	899609	43.95	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	49890	18.376	ng/uL	95
5) Pyridine	3.61	79	343298	47.273	ng/ul	97
6) Benzaldehyde	6.83	77	260728	57.874	ng/ul	99
8) Phenol	6.88	94	427055	48.402	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.12	93	326335	50.055	ng/ul	99
12) 2-Chlorophenol	7.25	128	333345	47.819	ng/ul	97
13) 2-Methylphenol	8.12	108	314643	48.345	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.21	45	514768	60.241	ng/ul	98
16) Acetophenone	8.50	105	527358	49.520	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.50	70	310252	61.248	ng/ul	96
18) 4-Methylphenol	8.46	108	341120	49.363	ng/ul	93
19) Hexachloroethane	8.75	117	150674	50.465	ng/ul	98
22) Nitrobenzene	8.87	77	445832	54.138	ng/ul	100
23) Isophorone	9.40	82	790022	53.696	ng/ul	98
25) 2-Nitrophenol	9.59	139	184512	59.477	ng/ul	95
26) 2,4-Dimethylphenol	9.65	107	396025	46.974	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.89	93	446543	50.805	ng/ul	97
29) 2,4-Dichlorophenol	10.12	162	303657	42.521	ng/ul	97
30) Naphthalene	10.52	128	1029424	42.790	ng/ul	100
32) 4-Chloroaniline	10.62	127	437640	43.108	ng/ul	100
33) Hexachlorobutadiene	10.80	225	174644	34.056	ng/ul	96
34) Caprolactam	11.41	113	96794m	> 53.327	ng/ul	> 04/15/21 JU

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.76	107	346379	49.929	ng/ul	99
36) 2-Methylnaphthalene	12.13	142	733670	43.169	ng/ul	96
37) 1-Methylnaphthalene	12.35	142	731075	43.569	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	318523	36.021	ng/ul	99
40) Hexachlorocyclopentadiene	12.49	237	208496	35.894	ng/ul	97
41) 2,4,6-Trichlorophenol	12.75	196	223120	45.887	ng/ul	98
42) 2,4,5-Trichlorophenol	12.82	196	239864	46.325	ng/ul	99
43) 1,1'-Biphenyl	13.15	154	918743	44.097	ng/ul	98
44) 2-Chloronaphthalene	13.19	162	707096	42.990	ng/ul	100
45) 2-Nitroaniline	13.40	65	265484	75.237	ng/ul	99
47) Dimethylphthalate	13.79	163	875226	44.303	ng/ul	100
48) 2,6-Dinitrotoluene	13.90	165	180936	58.850	ng/ul	97
50) Acenaphthylene	14.04	152	1077156	45.646	ng/ul	99
51) 3-Nitroaniline	14.23	138	188428	55.419	ng/ul	100
52) Acenaphthene	14.39	153	780812	44.558	ng/ul	98
53) 2,4-Dinitrophenol	14.43	184	106733	64.693	ng/ul	99
55) 4-Nitrophenol	14.55	109	166113	55.543	ng/ul	98
56) Dibenzofuran	14.72	168	1032179	42.385	ng/ul	100
57) 2,4-Dinitrotoluene	14.69	165	258763	58.981	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.95	232	189245	45.610	ng/ul	97
59) Diethylphthalate	15.16	149	938515	48.252	ng/ul	99
61) Fluorene	15.37	166	902929	44.315	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.37	204	406317	39.729	ng/ul	99
63) 4-Nitroaniline	15.40	138	194758	54.887	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.45	198	142023	57.370	ng/ul	94
67) N-Nitrosodiphenylamine	15.58	169	749563	47.002	ng/ul	99
68) 4-Bromophenyl-phenylether	16.26	248	221255	41.649	ng/ul	96
69) Hexachlorobenzene	16.37	284	242646	41.002	ng/ul	94
70) Atrazine	16.54	200	262151	42.910	ng/ul	97
71) Pentachlorophenol	16.72	266	151088	44.960	ng/ul	98
72) Phenanthrene	17.10	178	1302457	44.192	ng/ul	100
74) Anthracene	17.20	178	1358323	44.851	ng/ul	100
75) Pentachlorobenzene	14.64	250	311200	39.537	ng/uL	98
76) Carbazole	17.47	167	1206786	43.292	ng/ul	99
77) Di-n-butylphthalate	18.03	149	1596243	55.439	ng/ul	100
79) Fluoranthene	19.12	202	1391648	51.467	ng/ul	98
81) Pyrene	19.49	202	1457669	51.429	ng/ul	98
82) Butylbenzylphthalate	20.39	149	693068	69.586	ng/ul	100
83) 3,3'-Dichlorobenzidine	21.16	252	424582	45.464	ng/ul	99
84) Benzo(a)anthracene	21.23	228	1264186	43.454	ng/ul	100
85) Bis(2-ethylhexyl)phthalate	21.17	149	1068298	65.276	ng/ul	99
86) Chrysene	21.28	228	1224057	43.035	ng/ul	100
88) Di-n-octyl phthalate	22.03	149	1649554	67.251	ng/ul	100
89) Benzo(b)fluoranthene	22.79	252	1137598	45.778	ng/ul	99
90) Benzo(k)fluoranthene	22.83	252	1138613	45.856	ng/ul	99
92) Benzo(a)pyrene	23.36	252	985450	43.762	ng/ul	99
93) Indeno(1,2,3-cd)pyrene	25.68	276	1183886	39.097	ng/ul	99
94) Dibenzo(a,h)anthracene	25.69	278	999974	39.140	ng/ul	99
95) Benzo(g,h,i)perylene	26.36	276	950724	38.281	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