Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM010820\
Data File : BM024416.D
Acq On : 08 Jan 2020 12:25
Operator : JU
Sample : SSTD04001
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 08 14:12:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 08 12:28:28 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD04001

Manual Integrations APPROVED
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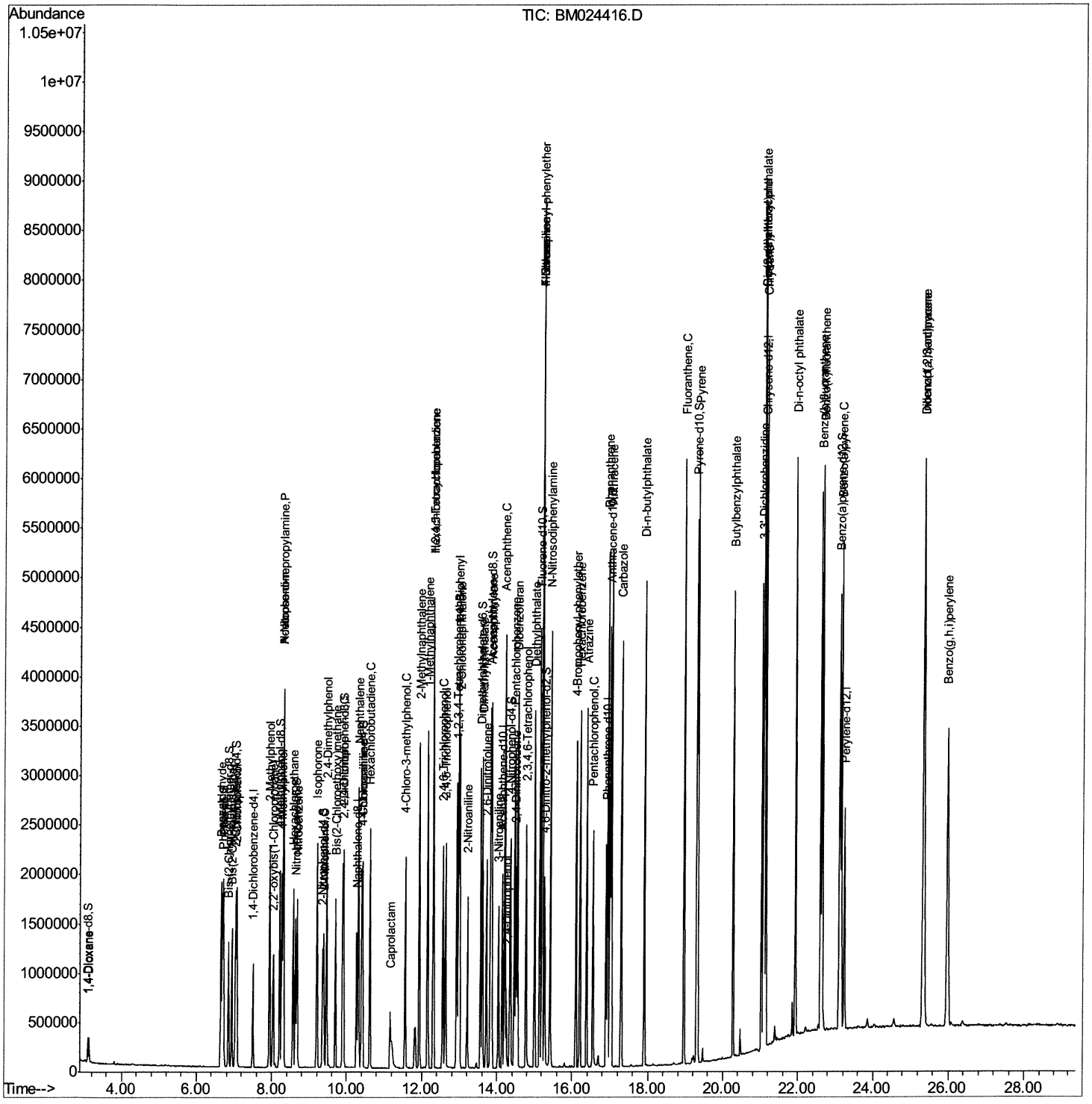

Quantitation Report (Qedit)

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Data File : BM024416.D
Acq On : 08 Jan 2020 12:25
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Quant Time: Jan 08 14:10:49 2020
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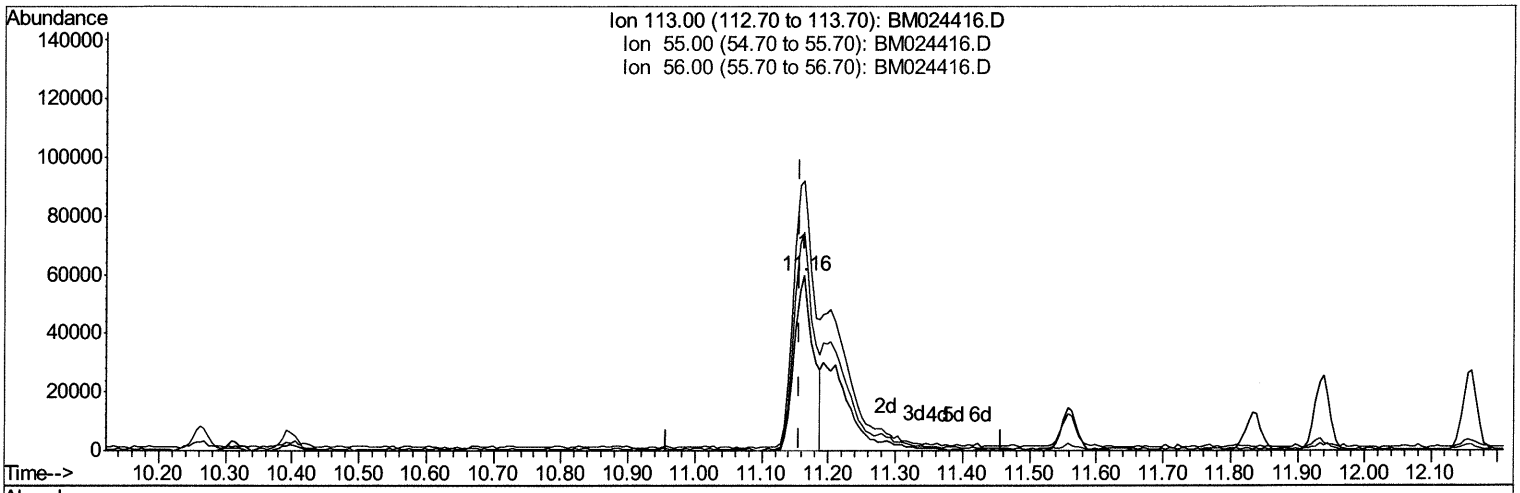

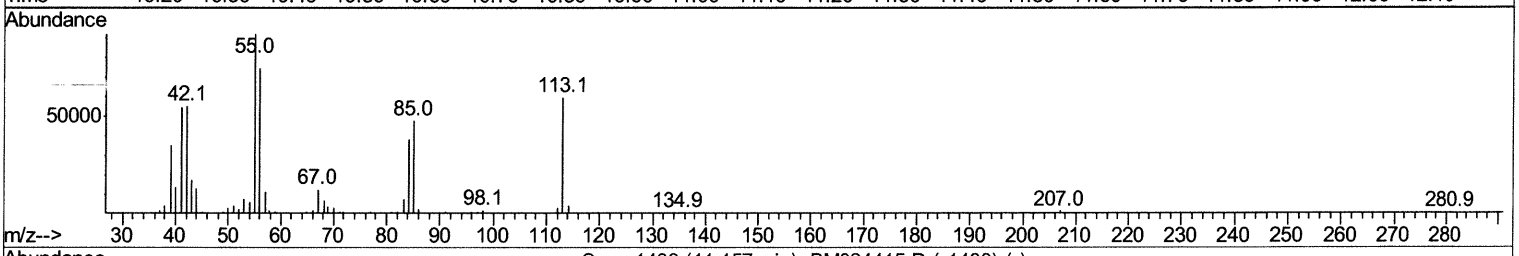

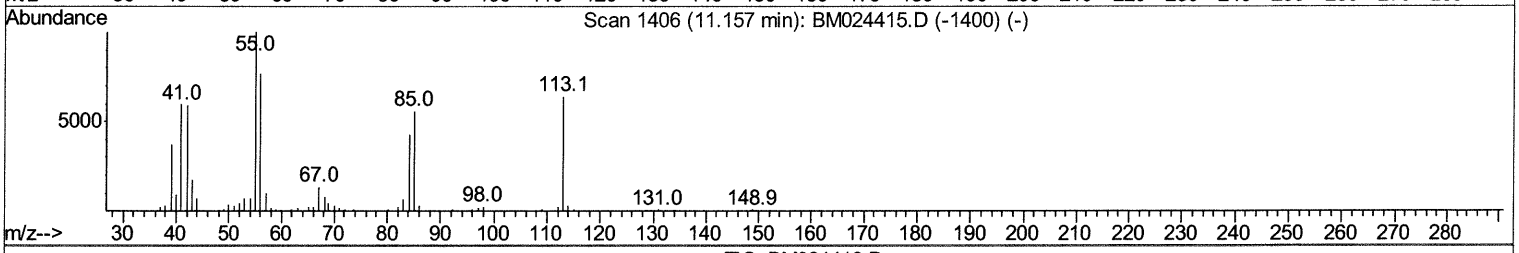

TIC: BM024416.D

(32) Caprolactam

11.163min (+0.006) 25.73ng/ul

response 118796

Ion	Exp%	Act%
113.00	100	100
55.00	161.50	154.22
56.00	122.30	124.59
0.00	0.00	0.00

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Manual Integrations APPROVED
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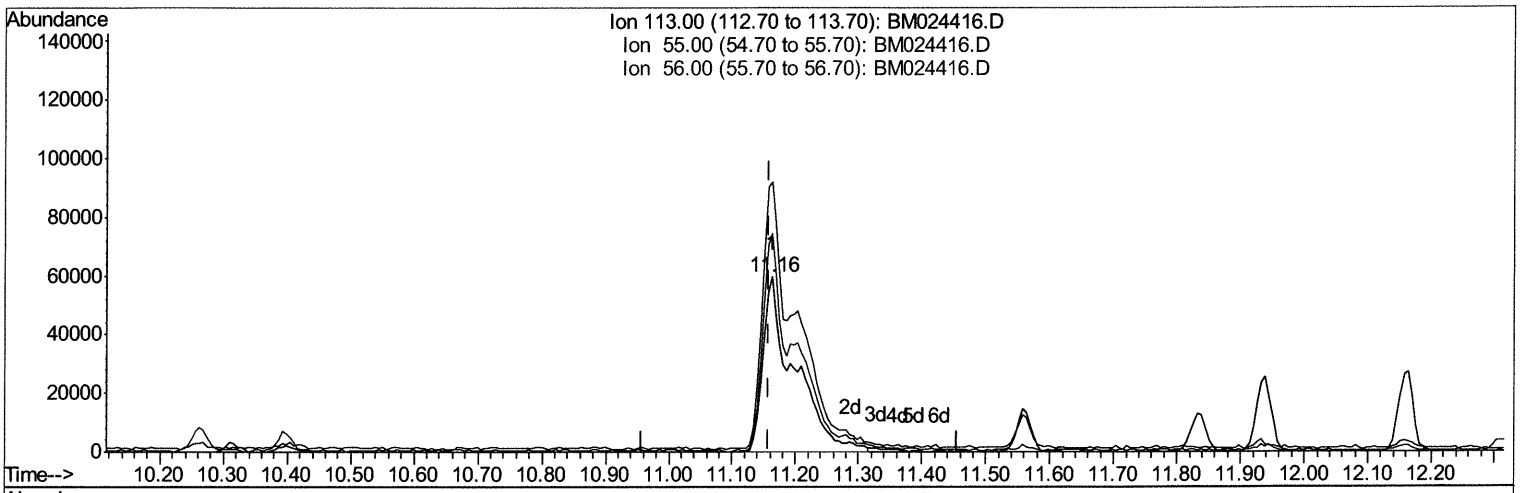

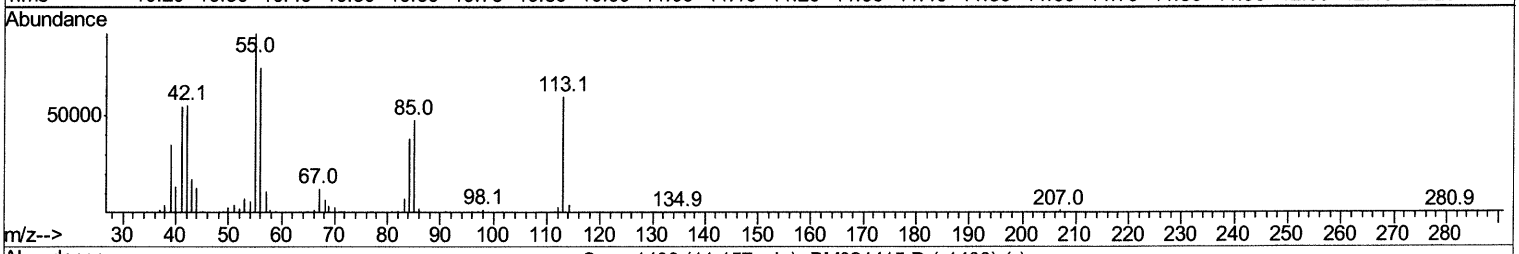

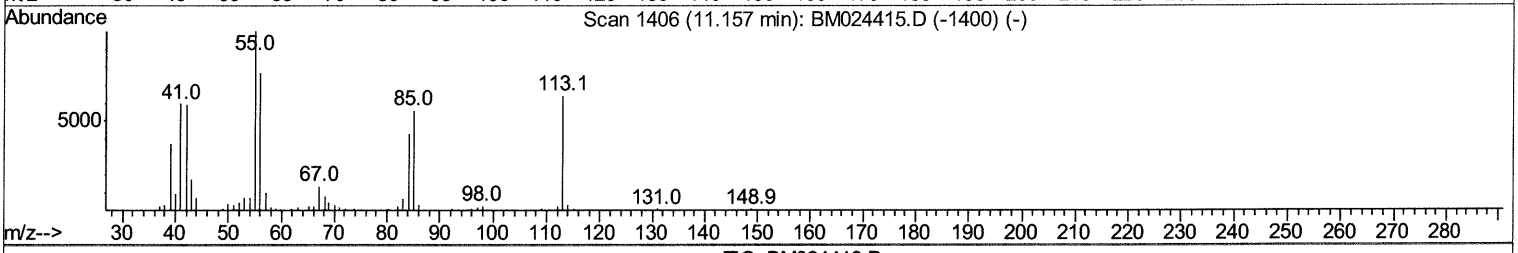

TIC: BM024416.D

(32) Caprolactam

11.163min (+0.006) 44.96ng/ul m JU 01/09/20

response 207591

Ion	Exp%	Act%
113.00	100	100
55.00	161.50	154.22
56.00	122.30	124.59
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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Quant Time: Jan 08 14:12:08 2020
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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)
1) 1,4-Dichlorobenzene-d4	7.50	152	271538	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	1083218	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	643448	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	1312350	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	1263933	20.00	ng/ul	0.00
86) Perylene-d12	23.24	264	1431087	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	102239	12.67	ng/uL	0.00
5) Phenol-d5	6.69	99	857028	35.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	512508	30.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	739045	41.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	696378	38.28	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	340901	44.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	343184	41.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	714418	45.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	875431	48.33	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	1911675	42.15	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	2450928	43.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	339476	53.55	ng/ul	0.00
58) Fluorene-d10	15.14	176	1681779	41.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	247193	33.15	ng/ul	0.00
71) Anthracene-d10	16.99	188	2539369	42.85	ng/ul	0.00
79) Pyrene-d10	19.30	212	2766621	43.69	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.11	264	3046420	42.93	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	104201	12.048	ng/uL	92
4) Benzaldehyde	6.65	77	586541	41.355	ng/ul	96
6) Phenol	6.72	94	867976	34.256	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.94	93	697440	34.083	ng/ul	98
10) 2-Chlorophenol	7.07	128	738671	40.411	ng/ul	96
11) 2-Methylphenol	7.95	108	661699	37.099	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.05	45	936202	37.122	ng/ul	99
14) Acetophenone	8.31	105	1066769	36.017	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.31	70	544085	33.101	ng/ul	98
16) 4-Methylphenol	8.27	108	701256	36.370	ng/ul	97
17) Hexachloroethane	8.57	117	323869	38.187	ng/ul	99
20) Nitrobenzene	8.68	77	826315	34.492	ng/ul	96
21) Isophorone	9.21	82	1497302	37.740	ng/ul	98
23) 2-Nitrophenol	9.39	139	381454	41.531	ng/ul	98
24) 2,4-Dimethylphenol	9.46	107	791236	38.418	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.70	93	887322	35.488	ng/ul	99
27) 2,4-Dichlorophenol	9.92	162	683266	44.685	ng/ul	96
28) Naphthalene	10.32	128	2263227	39.266	ng/ul	100
30) 4-Chloroaniline	10.42	127	844190	46.549	ng/ul	99
31) Hexachlorobutadiene	10.62	225	499187	45.329	ng/ul	99
32) Caprolactam	11.16	113	207591m >	44.958	ng/ul >	JU 01/09/20
33) 4-Chloro-3-methylphenol	11.56	107	706118	41.597	ng/ul	100
34) 2-Methylnaphthalene	11.94	142	1574645	41.788	ng/ul	99

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 08 12:28:28 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.16	142	1580370	40.949	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.32	216	874782	45.691	ng/ul	97
38) Hexachlorocyclopentadiene	12.31	237	640393	85.894	ng/ul	100
39) 2,4,6-Trichlorophenol	12.56	196	530689	47.821	ng/ul	97
40) 2,4,5-Trichlorophenol	12.63	196	565258	49.874	ng/ul	96
41) 1,1'-Biphenyl	12.97	154	2001133	40.581	ng/ul	99
42) 2-Chloronaphthalene	13.00	162	1603209	40.310	ng/ul	99
43) 2-Nitroaniline	13.21	65	427407	38.484	ng/ul	97
45) Dimethylphthalate	13.62	163	1956082	41.444	ng/ul	99
46) 2,6-Dinitrotoluene	13.72	165	386470	44.030	ng/ul	96
48) Acenaphthylene	13.86	152	2496047	41.131	ng/ul	99
49) 3-Nitroaniline	14.04	138	364252	48.502	ng/ul	92
50) Acenaphthene	14.21	153	1660372	39.683	ng/ul	100
51) 2,4-Dinitrophenol	14.25	184	149119	34.848	ng/ul	90
53) 4-Nitrophenol	14.36	109	289494	51.432	ng/ul	100
54) Dibenzofuran	14.55	168	2313388	40.398	ng/ul	99
55) 2,4-Dinitrotoluene	14.52	165	546792	42.538	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.78	232	472047	48.162	ng/ul	96
57) Diethylphthalate	15.00	149	1963433	41.198	ng/ul	100
59) Fluorene	15.20	166	1921168	40.853	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.21	204	1010949	43.404	ng/ul	98
61) 4-Nitroaniline	15.22	138	416017	55.805	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.28	198	277517	34.979	ng/ul	96
65) N-Nitrosodiphenylamine	15.42	169	1615894	41.339	ng/ul	99
66) 4-Bromophenyl-phenylether	16.10	248	622795	43.480	ng/ul	98
67) Hexachlorobenzene	16.21	284	714209	41.300	ng/ul	99
68) Atrazine	16.39	200	609038	43.823	ng/ul	98
69) Pentachlorophenol	16.55	266	397461	52.915	ng/ul	96
70) Phenanthrene	16.94	178	2977828	40.371	ng/ul	99
72) Anthracene	17.03	178	3030584	40.955	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.93	216	857077	43.521	ng/uL	99
74) Pentachlorobenzene	14.47	250	833493	41.338	ng/uL	99
75) Carbazole	17.30	167	2616217	41.843	ng/ul	100
76) Di-n-butylphthalate	17.90	149	3249797	43.241	ng/ul	100
77) Fluoranthene	18.96	202	3494739	41.996	ng/ul	100
80) Pyrene	19.33	202	3598601	41.542	ng/ul	98
81) Butylbenzylphthalate	20.27	149	1388334	42.325	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.03	252	1283161	49.635	ng/ul	99
83) Benzo(a)anthracene	21.09	228	3549518	43.832	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.07	149	2085985	42.497	ng/ul	99
85) Chrysene	21.14	228	3419086	41.873	ng/ul	99
87) Di-n-octyl phthalate	21.93	149	3591034	40.674	ng/ul	100
88) Benzo(b)fluoranthene	22.61	252	3703851	42.653	ng/ul	99
89) Benzo(k)fluoranthene	22.66	252	3617251	41.767	ng/ul	99
91) Benzo(a)pyrene	23.15	252	3392653	42.425	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.35	276	4331755	41.852	ng/ul	99
93) Dibenzo(a,h)anthracene	25.36	278	3680540	42.950	ng/ul	98
94) Benzo(g,h,i)perylene	25.98	276	3608914	41.392	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