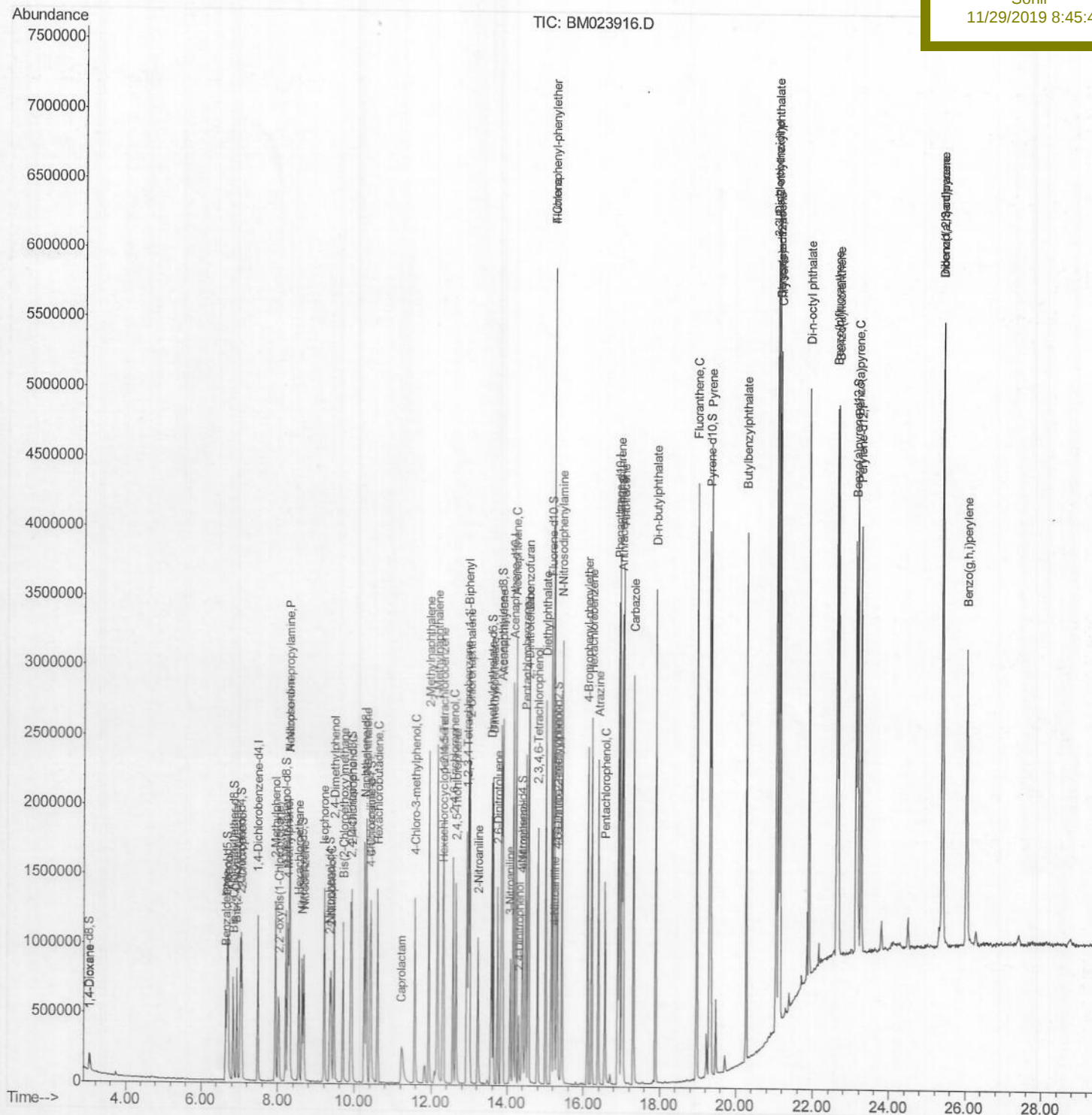


Quant Time: Nov 27 17:57:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 27 17:16:22 2019
Response via : Initial Calibration

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Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112719\

Data File : BM023916.D

Acq On : 27 Nov 2019 17:21

Operator : JU

Sample : SSTDICV020

Misc :

ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 27 17:55:55 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Nov 27 17:16:22 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

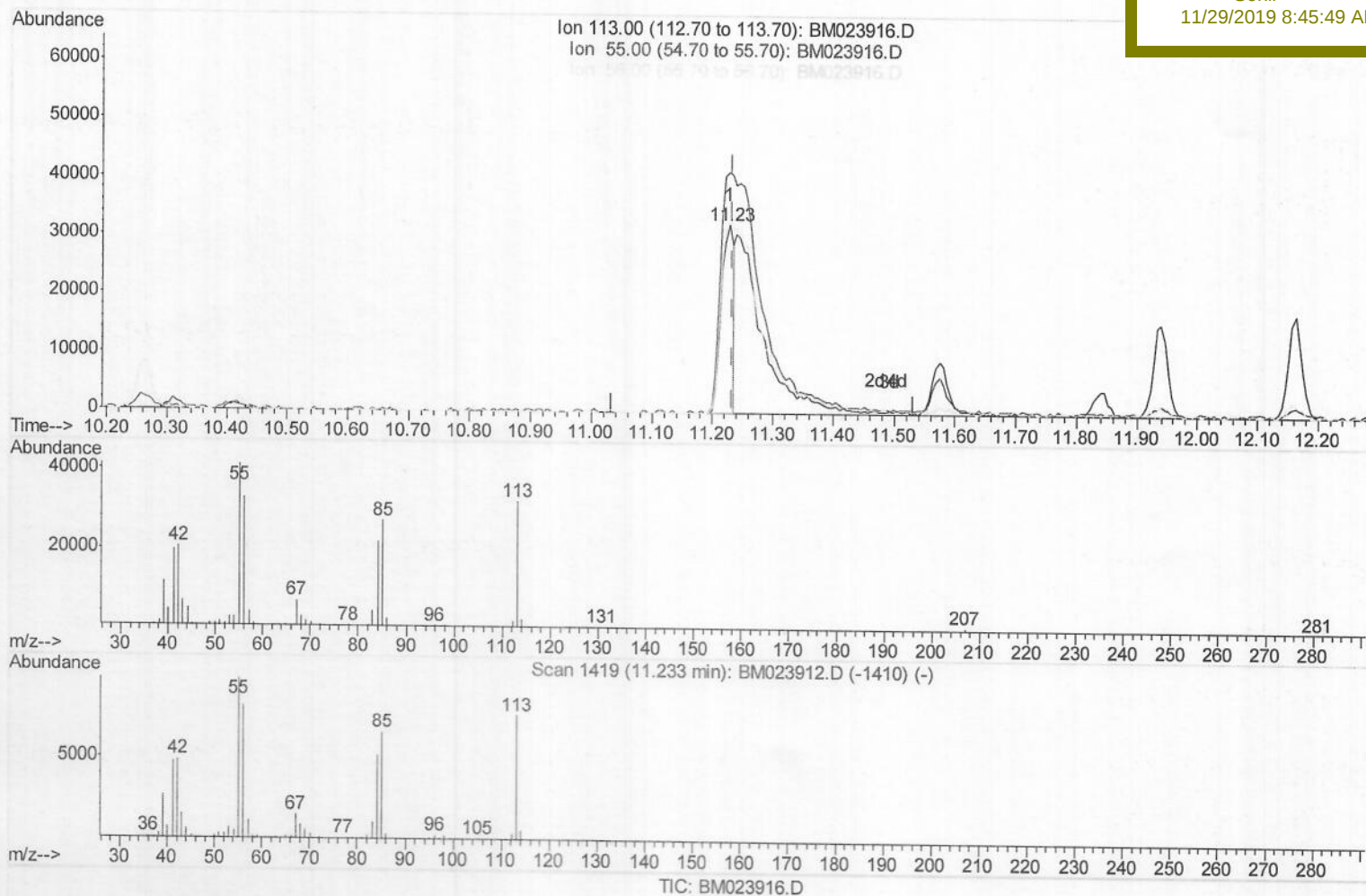
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(32) Caprolactam

11.228min (-0.006) 6.69ng/ul

response 46606

Ion	Exp%	Act%
113.00	100	100
55.00	130.40	128.24
56.00	107.00	102.07
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112719\

Data File : BM023916.D

Acq On : 27 Nov 2019 17:21

Operator : JU

Sample : SSTDICV020

Misc :

ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 27 17:57:44 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Nov 27 17:16:22 2019

Response via : Initial Calibration

Instrument :

BNA_M

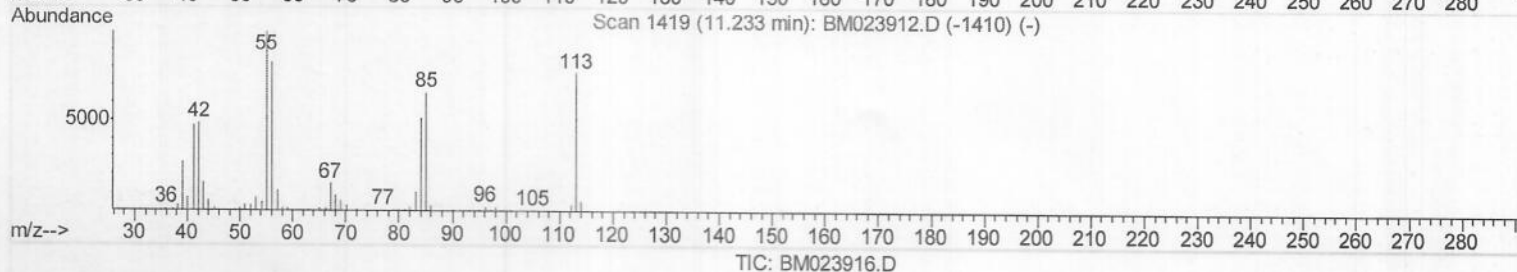
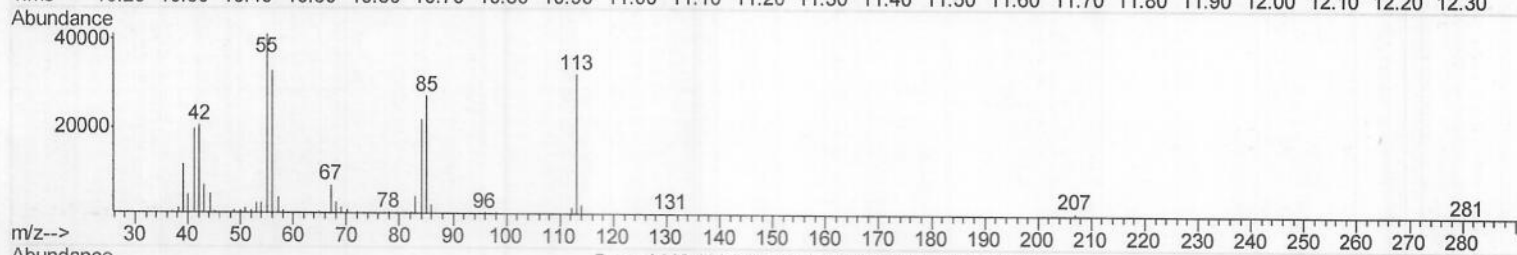
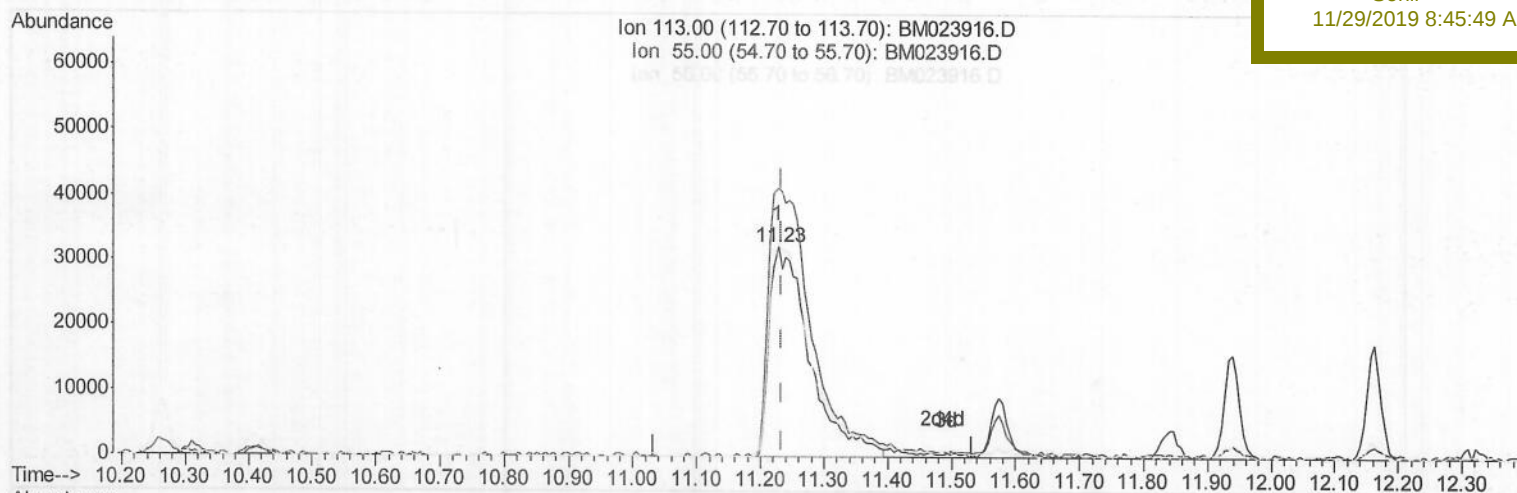
ClientSampleId :

SICV070

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(32) Caprolactam

11.228min (-0.006) 20.27ng/ul m > JU 11/29/19

response 141157

Ion	Exp%	Act%
113.00	100	100
55.00	130.40	128.24
56.00	107.00	102.07
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\Data\BM112719\
 Data File : BM023916.D
 Acq On : 27 Nov 2019 17:21
 Operator : JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV070

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	334455	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	1436727	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	933376	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	1932104	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	1825796	20.00	ng/ul	0.00
86) Perylene-d12	23.26	264	2136083	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	59270	7.88	ng/uL	0.00
5) Phenol-d5	6.68	99	562650	19.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	330943	19.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	446599	19.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	458402	19.82	ng/ul	0.00
19) Nitrobenzene-d5	8.65	128	220081	19.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	252072	19.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	485150	20.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	584365	22.19	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	1459421	20.12	ng/ul	0.00
47) Acenaphthylene-d8	13.84	160	1677780	19.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	229853	18.85	ng/ul	0.00
58) Fluorene-d10	15.15	176	1215954	19.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	223337	18.41	ng/ul	0.00
71) Anthracene-d10	17.00	188	1818539	19.71	ng/ul	0.00
79) Pyrene-d10	19.31	212	1859806	19.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.12	264	2184939	19.35	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.06	88	62857	7.797 ng/uL	96
4) Benzaldehyde	6.65	77	240993	15.611 ng/ul	98
6) Phenol	6.70	94	589499	19.550 ng/ul	99
8) Bis(2-Chloroethyl)ether	6.93	93	469436	20.022 ng/ul	99
10) 2-Chlorophenol	7.06	128	469324	20.244 ng/ul	99
11) 2-Methylphenol	7.95	108	442634	19.678 ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.03	45	516834	20.302 ng/ul	99
14) Acetophenone	8.32	105	722049	20.421 ng/ul	100
15) N-Nitroso-di-n-propylamine	8.30	70	396463	20.971 ng/ul	99
16) 4-Methylphenol	8.27	108	492312	20.111 ng/ul	97
17) Hexachloroethane	8.55	117	192523	20.133 ng/ul	92
20) Nitrobenzene	8.69	77	542908	20.041 ng/ul	99
21) Isophorone	9.21	82	1073948	20.883 ng/ul	100
23) 2-Nitrophenol	9.39	139	276737	20.638 ng/ul	99
24) 2,4-Dimethylphenol	9.46	107	555639	20.535 ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.70	93	672392	20.840 ng/ul	99
27) 2,4-Dichlorophenol	9.92	162	475859	20.632 ng/ul	98
28) Naphthalene	10.31	128	1542026	20.358 ng/ul	99
30) 4-Chloroaniline	10.43	127	618012	22.801 ng/ul	99
31) Hexachlorobutadiene	10.60	225	297697	20.441 ng/ul	99
32) Caprolactam	11.23	113	141157m>	20.268 ng/ul	99
33) 4-Chloro-3-methylphenol	11.57	107	517176	21.187 ng/ul	99
34) 2-Methylnaphthalene	11.94	142	1154571	20.993 ng/ul	99

JU 11/29/19

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 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 27 17:57:44 2019
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 27 17:16:22 2019
 Response via : Initial Calibration

Instrument :
 BNA_M
 Client Sampled :
 SICV070

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.16	142	1118247	20.710	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.32	216	586696	20.152	ng/ul	98
38) Hexachlorocyclopentadiene	12.30	237	226124	16.668	ng/ul	99
39) 2,4,6-Trichlorophenol	12.57	196	386249	20.366	ng/ul	99
40) 2,4,5-Trichlorophenol	12.65	196	417782	20.722	ng/ul	100
41) 1,1'-Biphenyl	12.97	154	1535856	20.366	ng/ul	100
42) 2-Chloronaphthalene	13.02	162	1166425	20.214	ng/ul	99
43) 2-Nitroaniline	13.23	65	310326	20.690	ng/ul	99
45) Dimethylphthalate	13.62	163	1480142	20.849	ng/ul	99
46) 2,6-Dinitrotoluene	13.74	165	297039	21.385	ng/ul	97
48) Acenaphthylene	13.87	152	1776450	20.668	ng/ul	99
49) 3-Nitroaniline	14.07	138	238607	18.369	ng/ul	97
50) Acenaphthene	14.22	153	1252576	20.513	ng/ul	100
51) 2,4-Dinitrophenol	14.29	184	121425	16.400	ng/ul	98
53) 4-Nitrophenol	14.40	109	177415	19.747	ng/ul	98
54) Dibenzofuran	14.56	168	1770022	20.488	ng/ul	100
55) 2,4-Dinitrotoluene	14.54	165	426153	21.094	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.79	232	373724	21.042	ng/ul	98
57) Diethylphthalate	15.00	149	1486434	20.925	ng/ul	99
59) Fluorene	15.21	166	1429887	20.522	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.21	204	726527	20.698	ng/ul	100
61) 4-Nitroaniline	15.24	138	220472	15.046	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.31	198	247199	18.978	ng/ul	99
65) N-Nitrosodiphenylamine	15.43	169	1264597	20.668	ng/ul	99
66) 4-Bromophenyl-phenylether	16.10	248	480951	20.418	ng/ul	98
67) Hexachlorobenzene	16.22	284	560036	20.513	ng/ul	98
68) Atrazine	16.39	200	431350	20.110	ng/ul	98
69) Pentachlorophenol	16.57	266	288664	18.658	ng/ul	99
70) Phenanthrene	16.95	178	2223068	20.367	ng/ul	100
72) Anthracene	17.04	178	2253464	20.335	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.94	216	568429	19.561	ng/uL	97
74) Pentachlorobenzene	14.48	250	626008	20.034	ng/uL	98
75) Carbazole	17.32	167	1941667	20.235	ng/ul	99
76) Di-n-butylphthalate	17.89	149	2462686	20.640	ng/ul	100
77) Fluoranthene	18.97	202	2453725	20.963	ng/ul	99
80) Pyrene	19.34	202	2504235	20.357	ng/ul	98
81) Butylbenzylphthalate	20.26	149	1070119	20.476	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.04	252	868890	18.822	ng/ul	97
83) Benzo(a)anthracene	21.10	228	2459941	20.157	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.05	149	1613937	20.777	ng/ul	98
85) Chrysene	21.15	228	2310623	20.162	ng/ul	100
87) Di-n-octyl phthalate	21.91	149	2684777	21.495	ng/ul	100
88) Benzo(b)fluoranthene	22.62	252	2712577	20.534	ng/ul	99
89) Benzo(k)fluoranthene	22.66	252	2482313	19.795	ng/ul	100
91) Benzo(a)pyrene	23.17	252	2507513	20.076	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.39	276	3074816	19.825	ng/ul	99
93) Dibenzo(a,h)anthracene	25.40	278	2597490	19.939	ng/ul	99
94) Benzo(g,h,i)perylene	26.03	276	2556862	19.685	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						