Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041895.D
Acq On : 2 Aug 2019 20:24
Operator : HP/JU
Sample : SSTD02072
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 03 02:04:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 03 01:46:33 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD02072

Manual Integrations APPROVED
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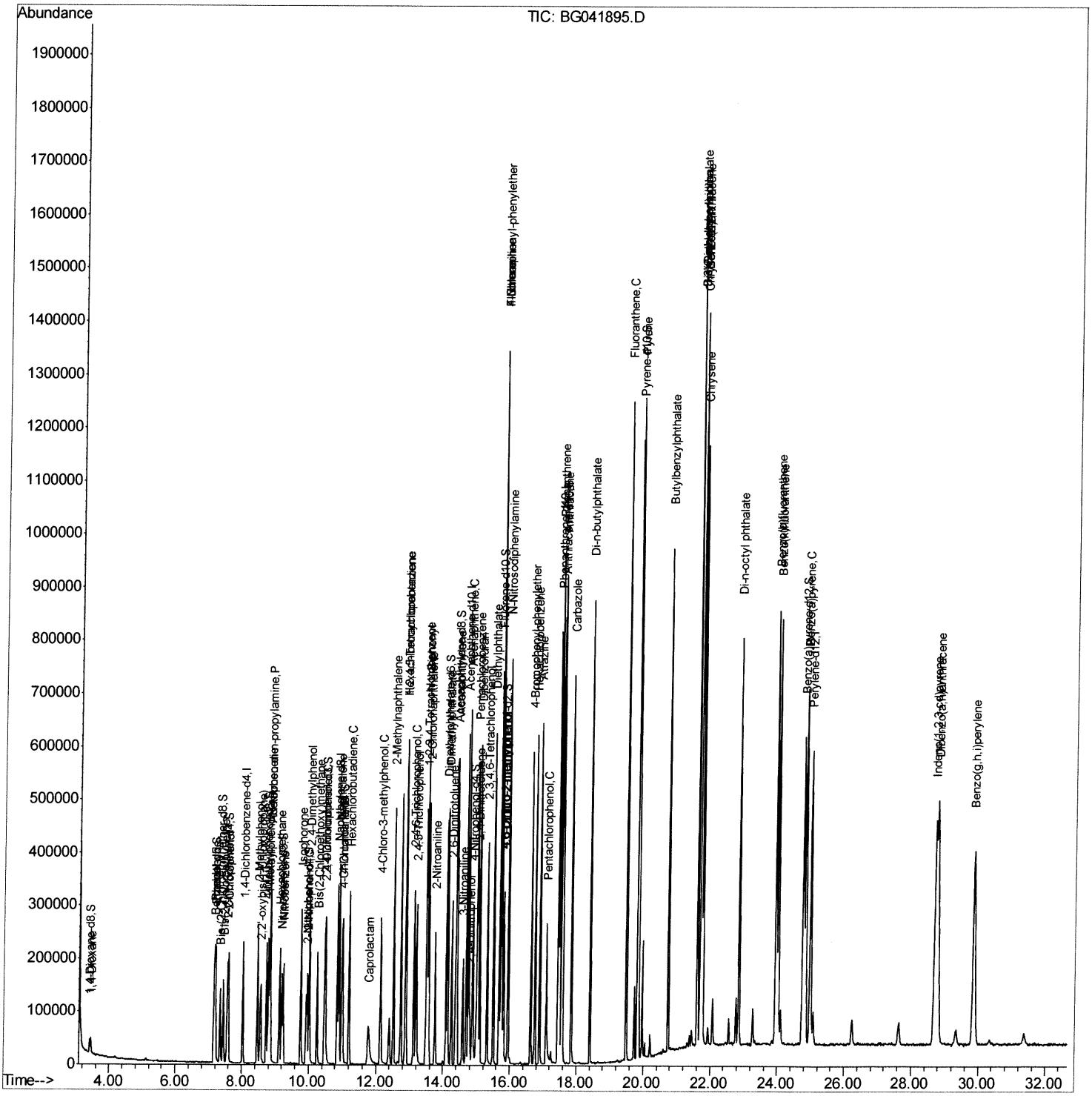

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041895.D
Acq On : 2 Aug 2019 20:24
Operator : HP/JU
Sample : SSTD02072
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 03 01:53:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 03 01:46:33 2019
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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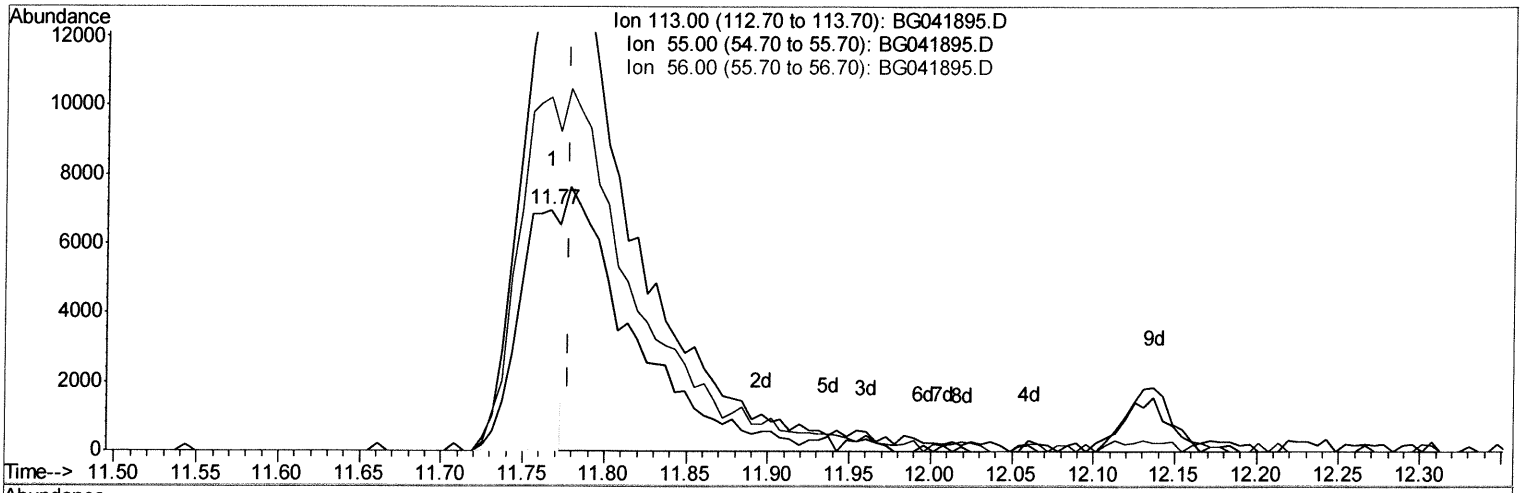

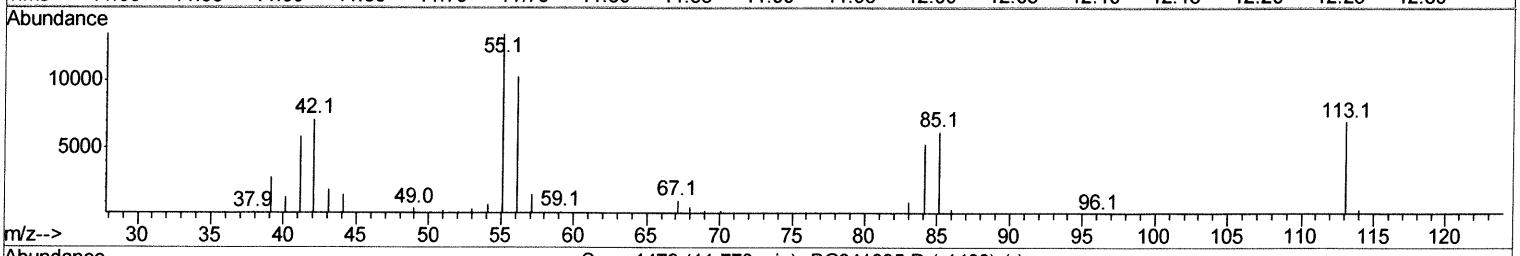

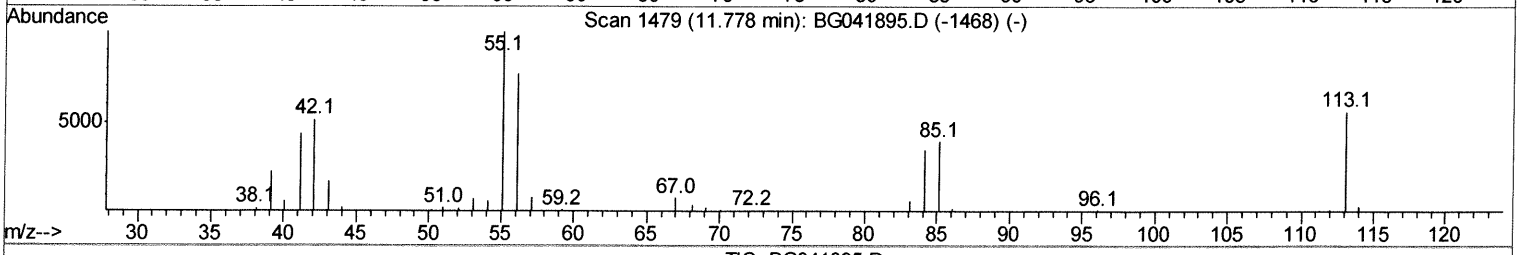

TIC: BG041895.D

(32) Caprolactam

11.767min (-0.012) 8.67ng/ul

response 13059

Ion	Exp%	Act%
113.00	100	100
55.00	178.00	192.72
56.00	136.80	147.02
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
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Manual Integrations APPROVED
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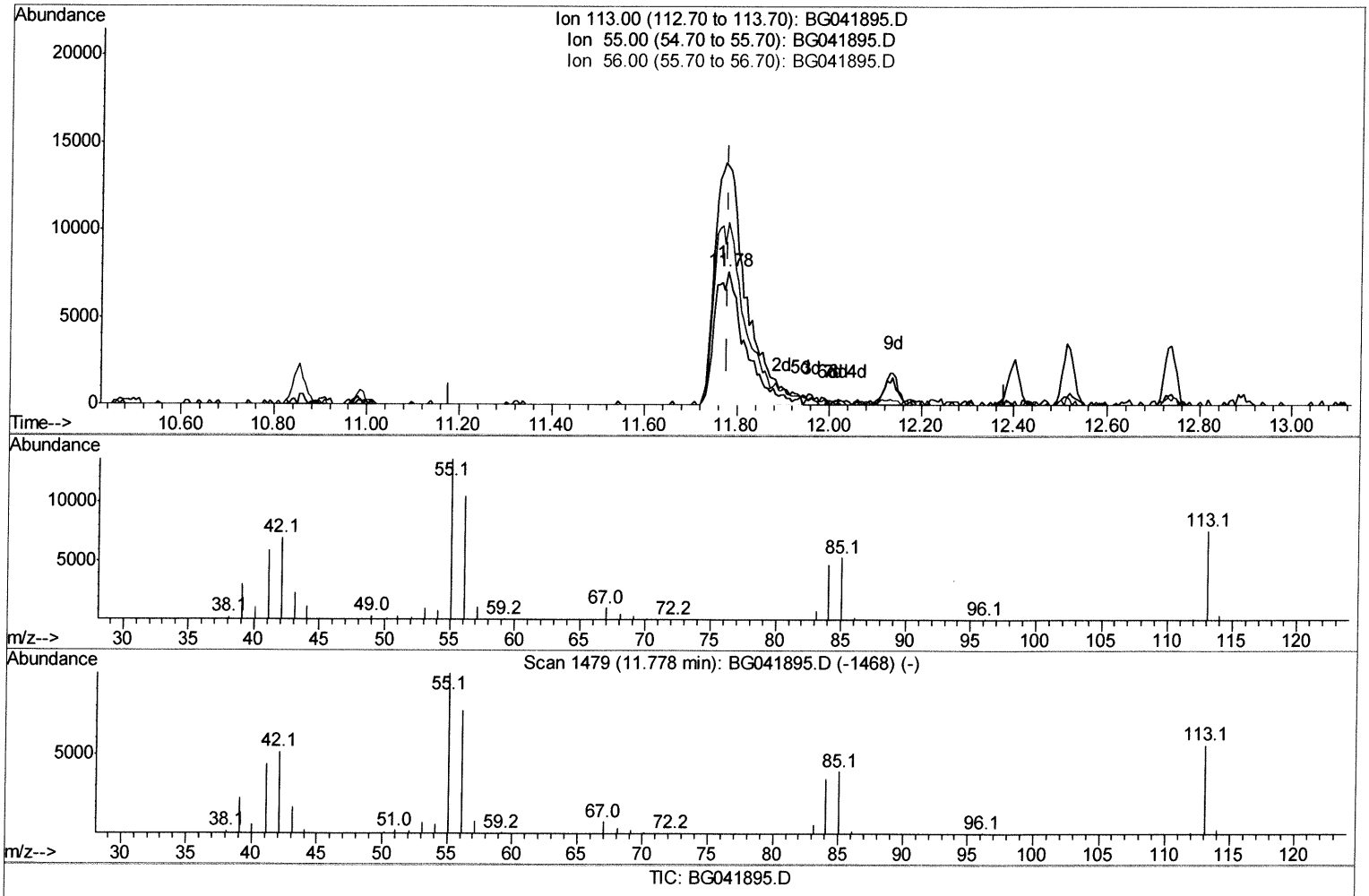

TIC: BG041895.D

(32) Caprolactam

11.778min (0.000) 23.39ng/ul m JU 08/05/19

response 35233

Ion	Exp%	Act%
113.00	100	100
55.00	178.00	177.97
56.00	136.80	136.76
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
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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	8.04	152	73883	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	311858	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	226873	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	534005	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	566498	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	647867	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	13872	8.65	ng/uL	0.00
5) Phenol-d5	7.18	99	114087	18.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	65477	17.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	99582	19.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	95530	18.35	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	47847	19.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	55199	19.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	113023	20.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	128376	21.38	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	359501	18.05	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	417432	17.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	58759	18.13	ng/ul	0.00
57) Fluorene-d10	15.69	176	325800	18.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	65432	19.84	ng/ul	0.00
70) Anthracene-d10	17.54	188	537113	19.55	ng/ul	0.00
78) Pyrene-d10	19.83	212	660115	19.91	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	693132	18.56	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	14699	8.923	ng/uL	100
4) Benzaldehyde	7.16	77	55628	19.224	ng/ul	100
6) Phenol	7.21	94	119468	19.771	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.44	93	92528	20.078	ng/ul	100
10) 2-Chlorophenol	7.59	128	100911	20.480	ng/ul	100
11) 2-Methylphenol	8.47	108	94231	20.100	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.56	45	157652	25.162	ng/ul	100
14) Acetophenone	8.86	105	150282	19.794	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.84	70	79598	20.199	ng/ul	100
16) 4-Methylphenol	8.80	108	102256	20.116	ng/ul	100
17) Hexachloroethane	9.13	117	41737	20.328	ng/ul	100
20) Nitrobenzene	9.24	77	106935	19.070	ng/ul	100
21) Isophorone	9.77	82	216685	20.447	ng/ul	100
23) 2-Nitrophenol	9.96	139	59952	21.171	ng/ul	100
24) 2,4-Dimethylphenol	10.02	107	118125	20.501	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.26	93	131190	20.064	ng/ul	100
27) 2,4-Dichlorophenol	10.50	162	111315	21.217	ng/ul	100
28) Naphthalene	10.91	128	323367	20.182	ng/ul	100
30) 4-Chloroaniline	11.01	127	128405	22.478	ng/ul	100
31) Hexachlorobutadiene	11.20	225	84770	22.918	ng/ul	100
32) Caprolactam	11.78	113	35233m	23.387	ng/ul	JU 08/05/19
33) 4-Chloro-3-methylphenol	12.13	107	108649	20.705	ng/ul	100
34) 2-Methylnaphthalene	12.52	142	257937	20.950	ng/ul	100

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Manual Integrations APPROVED
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8/5/2019 3:01:11 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.88	216	165030	20.257	ng/ul	100
37) Hexachlorocyclopentadiene	12.87	237	102078	20.820	ng/ul	100
38) 2,4,6-Trichlorophenol	13.12	196	102290	20.441	ng/ul	100
39) 2,4,5-Trichlorophenol	13.19	196	114708	21.240	ng/ul	100
40) 1,1'-Biphenyl	13.52	154	340842	18.579	ng/ul	100
41) 2-Chloronaphthalene	13.56	162	272097	18.712	ng/ul	100
42) 2-Nitroaniline	13.76	65	71593	20.174	ng/ul	100
44) Dimethylphthalate	14.14	163	358340	19.420	ng/ul	100
45) 2,6-Dinitrotoluene	14.25	165	78484	21.881	ng/ul	100
47) Acenaphthylene	14.41	152	420398	19.744	ng/ul	100
48) 3-Nitroaniline	14.59	138	59524	19.333	ng/ul	100
49) Acenaphthene	14.75	153	291185	18.836	ng/ul	100
50) 2,4-Dinitrophenol	14.79	184	35312	19.409	ng/ul	100
52) 4-Nitrophenol	14.89	109	44257	18.465	ng/ul	100
53) Dibenzofuran	15.09	168	439528	19.709	ng/ul	100
54) 2,4-Dinitrotoluene	15.04	165	115152	22.096	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.32	232	108097	22.684	ng/ul	100
56) Diethylphthalate	15.50	149	360819	20.150	ng/ul	100
58) Fluorene	15.74	166	350781	19.444	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.73	204	201729	20.308	ng/ul	100
60) 4-Nitroaniline	15.74	138	65763	19.999	ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.81	198	68718	20.638	ng/ul	100
64) N-Nitrosodiphenylamine	15.94	169	324552	20.174	ng/ul	100
65) 4-Bromophenyl-phenylether	16.63	248	143783	21.649	ng/ul	100
66) Hexachlorobenzene	16.75	284	144223	19.413	ng/ul	100
67) Atrazine	16.89	200	138826	22.878	ng/ul	100
68) Pentachlorophenol	17.09	266	67141	18.024	ng/ul	97
69) Phenanthrene	17.48	178	610681	20.576	ng/ul	100
71) Anthracene	17.57	178	625351	20.675	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.49	216	169753	20.157	ng/uL	100
73) Pentachlorobenzene	15.01	250	173096	20.087	ng/uL	100
74) Carbazole	17.84	167	556337	22.011	ng/ul	100
75) Di-n-butylphthalate	18.41	149	649062	21.417	ng/ul	100
76) Fluoranthene	19.49	202	819182	24.421	ng/ul	100
79) Pyrene	19.86	202	802690	20.391	ng/ul	100
80) Butylbenzylphthalate	20.74	149	309065	20.884	ng/ul	100
81) 3,3'-Dichlorobenzidine	21.61	252	269463	20.951	ng/ul	100
82) Benzo(a)anthracene	21.70	228	815195	20.979	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.62	149	424297	20.115	ng/ul	100
84) Chrysene	21.77	228	760548	20.833	ng/ul	100
86) Di-n-octyl phthalate	22.85	149	720379	19.668	ng/ul	100
87) Benzo(b)fluoranthene	23.95	252	835198	20.402	ng/ul	100
88) Benzo(k)fluoranthene	24.02	252	809136	20.518	ng/ul	100
90) Benzo(a)pyrene	24.83	252	798474	20.585	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	28.71	276	925096	20.302	ng/ul	100
92) Dibenzo(a,h)anthracene	28.78	278	759919	19.929	ng/ul	100
93) Benzo(g,h,i)perylene	29.86	276	765998	20.394	ng/ul	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed