Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\

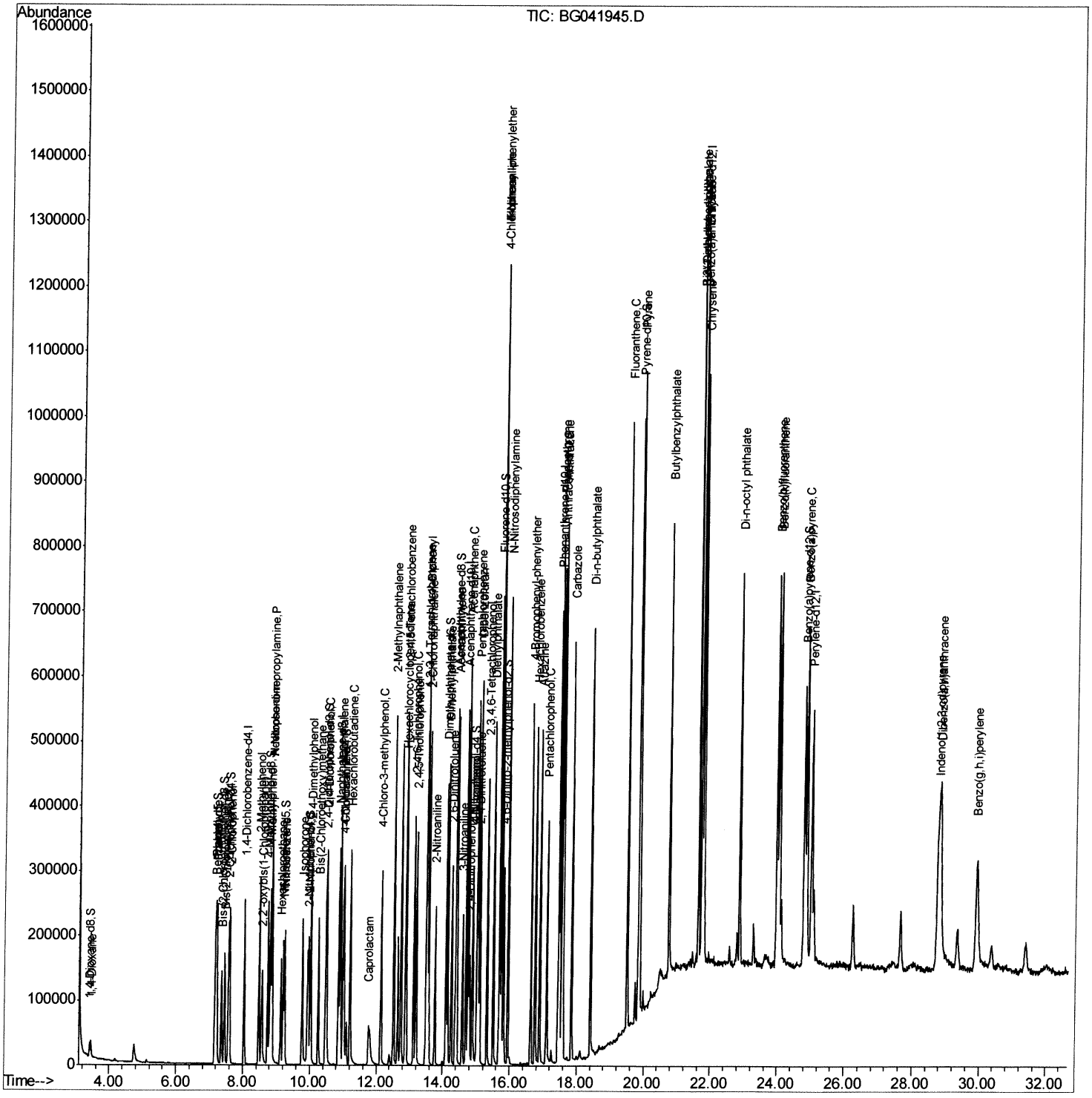
Quantitation Report (QT Reviewed)

Data File : BG041945.D
Acq On : 4 Aug 2019 16:58
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Aug 05 04:23:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 01:19:19 2019
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02081

Manual Integrations APPROVED
mohammad
8/5/2019 3:03:14 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\

Quantitation Report (Qedit)

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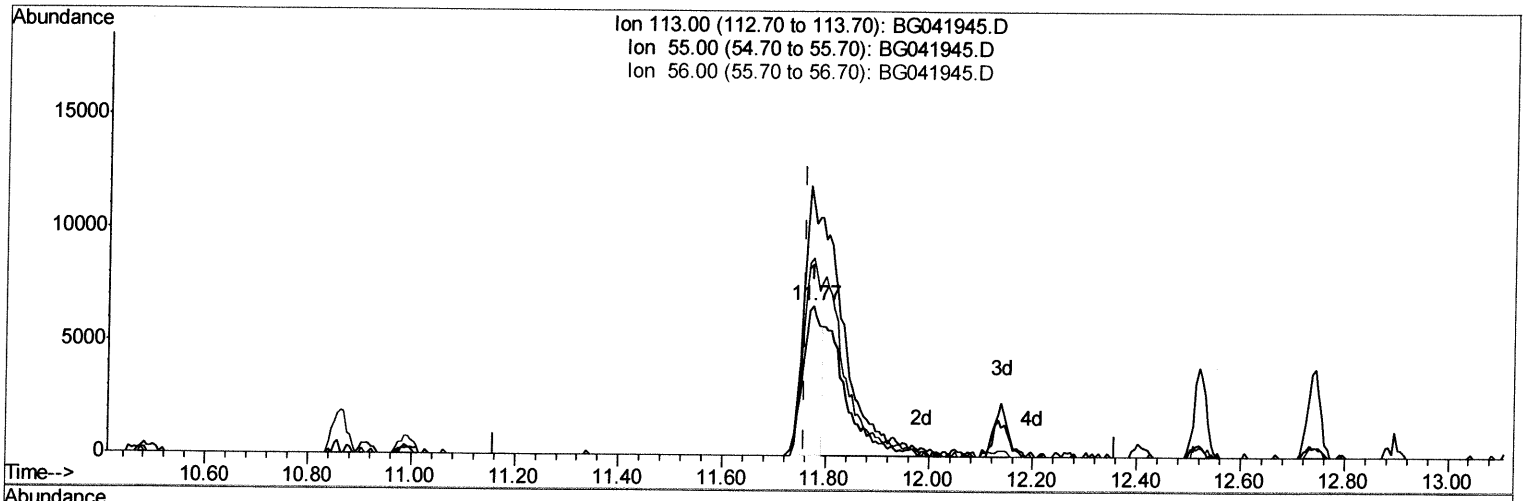

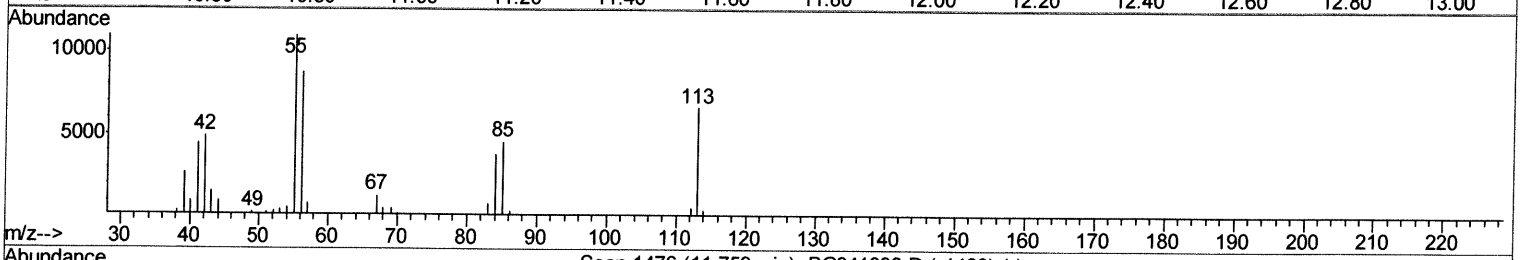

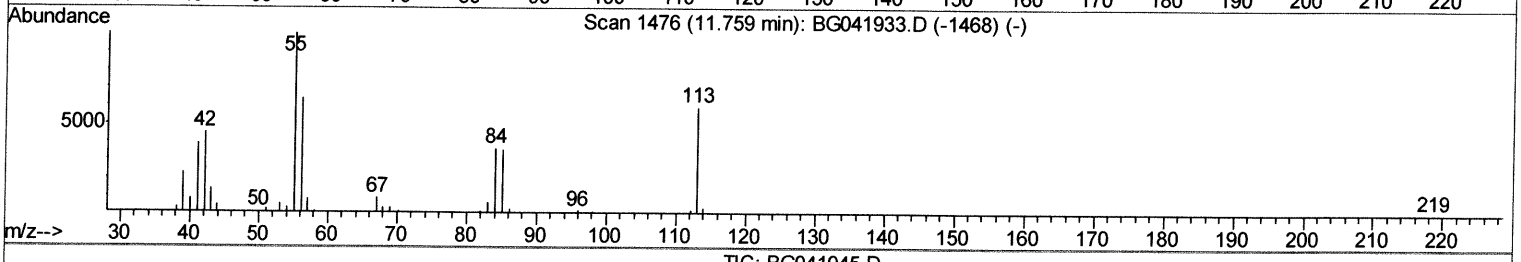

TIC: BG041945.D

(32) Caprolactam

11.774min (+0.014) 8.48ng/ul

response 15883

Ion	Exp%	Act%
113.00	100	100
55.00	178.00	165.00
56.00	136.80	131.78
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080319\

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BNA_G
LabSampleId :
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Manual Integrations APPROVED
mohammad
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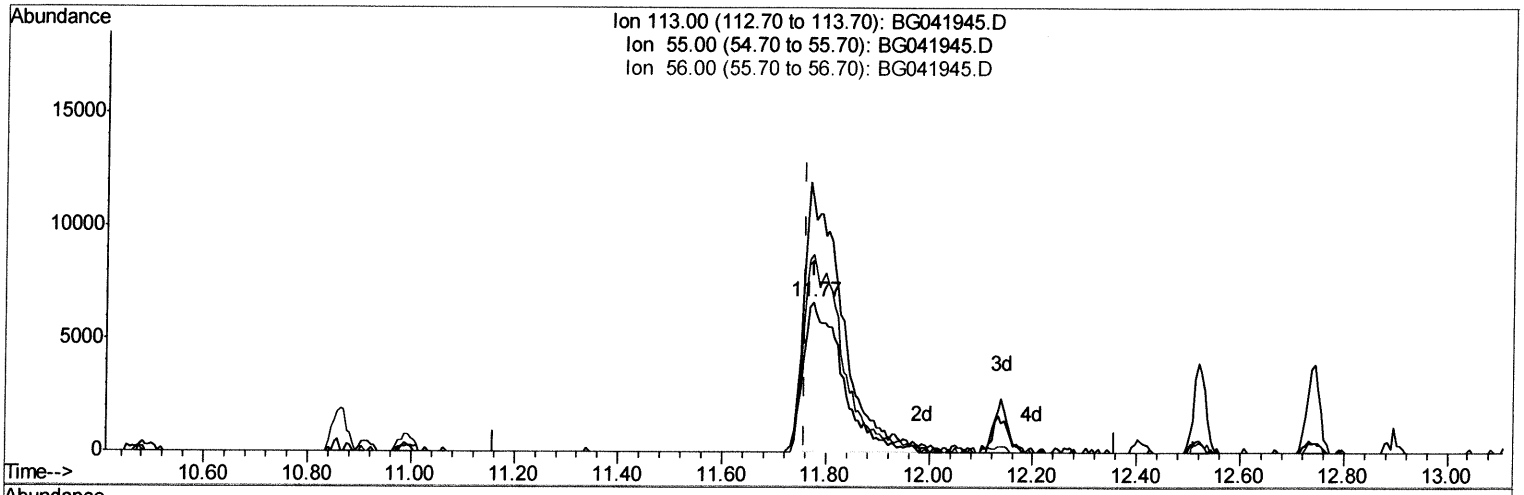

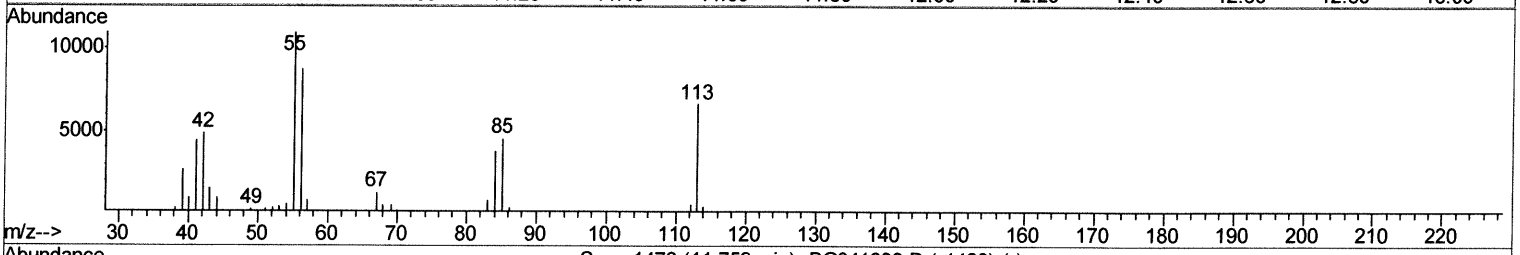

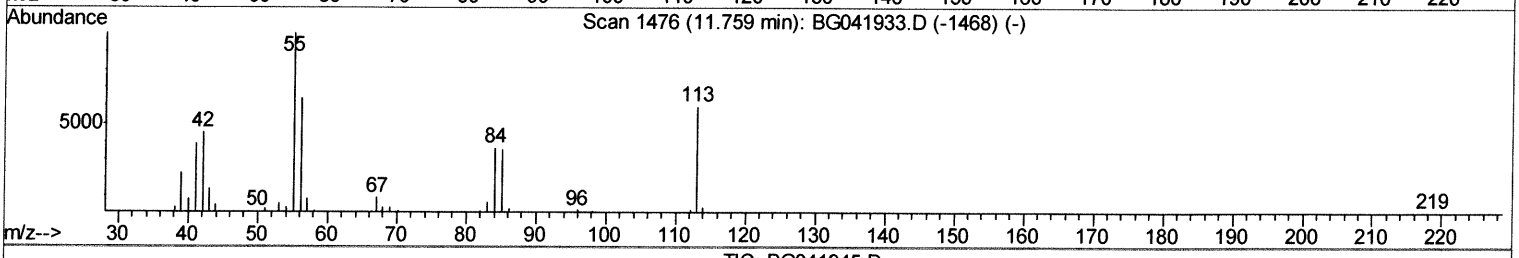

TIC: BG041945.D

(32) Caprolactam

11.774min (+0.014) 18.35ng/ul m JU 08/07/19

response 34368

Ion	Exp%	Act%
113.00	100	100
55.00	178.00	165.00
56.00	136.80	131.78
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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LabSampleId : SSTD02081

Manual Integrations APPROVED
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8/5/2019 3:03:14 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	81753	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	330917	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.70	164	222247	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	463159	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	452330	20.00	ng/ul	0.00
85) Perylene-d12	25.02	264	463972	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	13242	7.09	ng/uL	0.00
5) Phenol-d5	7.18	99	127546	19.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.35	67	68681	19.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	115892	21.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	105308	19.55	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	53265	21.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	69562	24.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	133406	22.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	143757	22.19	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	349000	20.25	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	411966	20.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	61002	21.08	ng/ul	0.00
57) Fluorene-d10	15.69	176	319410	20.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.81	200	59208	19.92	ng/ul	0.00
70) Anthracene-d10	17.55	188	483349	21.75	ng/ul	0.00
78) Pyrene-d10	19.83	212	546639	21.66	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.79	264	564943	23.31	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	11887	6.141	ng/uL	90
4) Benzaldehyde	7.16	77	66716	22.008	ng/ul	97
6) Phenol	7.21	94	134620	20.327	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.45	93	101705	20.187	ng/ul	95
10) 2-Chlorophenol	7.60	128	119147	21.429	ng/ul	99
11) 2-Methylphenol	8.48	108	106353	20.030	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.57	45	157157	18.440	ng/ul	97
14) Acetophenone	8.86	105	166186	20.060	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.85	70	79860	18.248	ng/ul	98
16) 4-Methylphenol	8.81	108	114036	19.880	ng/ul	98
17) Hexachloroethane	9.13	117	30190	13.112	ng/ul	95
20) Nitrobenzene	9.24	77	121389	21.396	ng/ul	97
21) Isophorone	9.78	82	192649	17.031	ng/ul	95
23) 2-Nitrophenol	9.96	139	72089	23.330	ng/ul	97
24) 2,4-Dimethylphenol	10.02	107	117125	19.211	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.26	93	137220	20.432	ng/ul	98
27) 2,4-Dichlorophenol	10.50	162	128859	22.255	ng/ul	99
28) Naphthalene	10.91	128	358677	21.201	ng/ul	98
30) 4-Chloroaniline	11.02	127	144394	22.176	ng/ul	100
31) Hexachlorobutadiene	11.20	225	96177	21.879	ng/ul	99
32) Caprolactam	11.77	113	34368m>	18.347	ng/ul	90
33) 4-Chloro-3-methylphenol	12.14	107	116288	20.385	ng/ul	99
34) 2-Methylnaphthalene	12.52	142	284082	21.127	ng/ul	98

→ JU 08/05/19

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 05 01:19:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.89	216	191863	24.145 ng/ul	97
37) Hexachlorocyclopentadiene	12.87	237	68126	13.579 ng/ul#	95
38) 2,4,6-Trichlorophenol	13.12	196	119039	24.206 ng/ul	95
39) 2,4,5-Trichlorophenol	13.20	196	128121	23.357 ng/ul	99
40) 1,1'-Biphenyl	13.53	154	355654	22.008 ng/ul	97
41) 2-Chloronaphthalene	13.57	162	293529	22.557 ng/ul	98
42) 2-Nitroaniline	13.77	65	70927	20.836 ng/ul	89
44) Dimethylphthalate	14.14	163	345046	20.161 ng/ul	97
45) 2,6-Dinitrotoluene	14.26	165	79208	21.277 ng/ul	97
47) Acenaphthylene	14.42	152	411816	20.722 ng/ul	98
48) 3-Nitroaniline	14.59	138	69085	23.271 ng/ul	93
49) Acenaphthene	14.76	153	293513	21.123 ng/ul	99
50) 2,4-Dinitrophenol	14.80	184	49158	24.133 ng/ul	91
52) 4-Nitrophenol	14.90	109	45572	21.249 ng/ul	92
53) Dibenzofuran	15.09	168	442960	21.359 ng/ul	98
54) 2,4-Dinitrotoluene	15.05	165	110527	20.420 ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	15.32	232	114200	21.968 ng/ul#	97
56) Diethylphthalate	15.51	149	328502	19.296 ng/ul	99
58) Fluorene	15.75	166	345826	20.703 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.73	204	207177	21.359 ng/ul	99
60) 4-Nitroaniline	15.75	138	75668	22.878 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.82	198	64838	20.253 ng/ul	95
64) N-Nitrosodiphenylamine	15.95	169	313343	22.803 ng/ul	99
65) 4-Bromophenyl-phenylether	16.63	248	144605	23.583 ng/ul	97
66) Hexachlorobenzene	16.76	284	135127	21.942 ng/ul#	92
67) Atrazine	16.90	200	116621	20.251 ng/ul	99
68) Pentachlorophenol	17.10	266	91179	27.184 ng/ul	94
69) Phenanthrene	17.49	178	554315	21.861 ng/ul	100
71) Anthracene	17.58	178	568426	22.103 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.50	216	190574	25.820 ng/uL	99
73) Pentachlorobenzene	15.02	250	184213	24.685 ng/uL	99
74) Carbazole	17.85	167	480454	22.554 ng/ul	99
75) Di-n-butylphthalate	18.41	149	535401	20.392 ng/ul	99
76) Fluoranthene	19.50	202	682346	23.291 ng/ul	96
79) Pyrene	19.86	202	666441	21.903 ng/ul	98
80) Butylbenzylphthalate	20.75	149	243919	20.367 ng/ul	95
81) 3,3'-Dichlorobenzidine	21.63	252	227958	22.173 ng/ul#	97
82) Benzo(a)anthracene	21.71	228	691154	22.038 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.63	149	330168	20.206 ng/ul	98
84) Chrysene	21.78	228	645549	22.054 ng/ul	98
86) Di-n-octyl phthalate	22.86	149	586385	25.544 ng/ul	100
87) Benzo(b)fluoranthene	23.97	252	674506	23.166 ng/ul	98
88) Benzo(k)fluoranthene	24.04	252	663591	23.704 ng/ul	98
90) Benzo(a)pyrene	24.86	252	645340	23.259 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.76	276	607460	18.771 ng/ul	97
92) Dibenzo(a,h)anthracene	28.83	278	506971	19.205 ng/ul	98
93) Benzo(g,h,i)perylene	29.93	276	424225	15.701 ng/ul	97

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