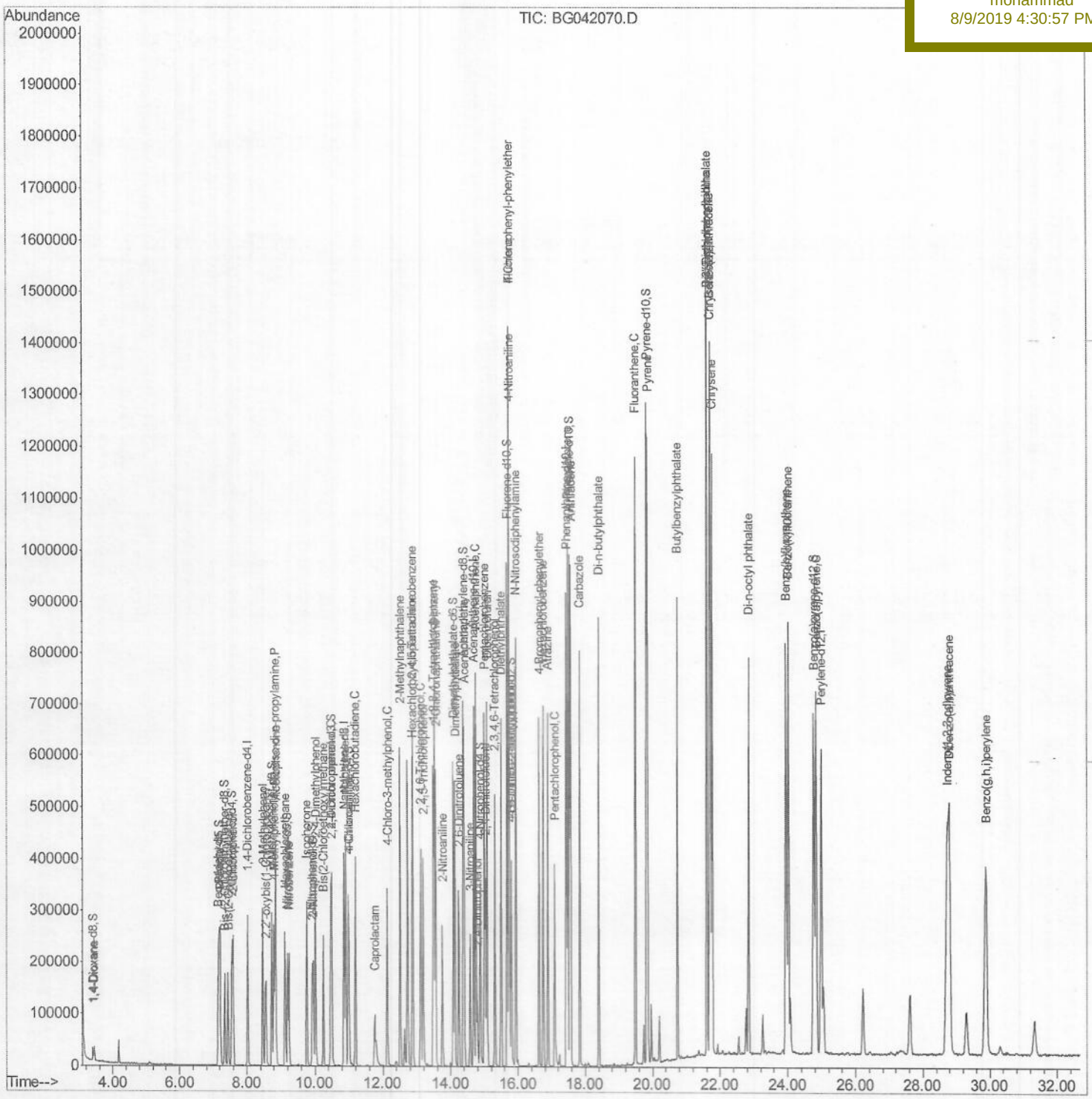
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042070.D
Acq On : 8 Aug 2019 16:42
Operator : HP/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Aug 08 17:35:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 08 15:44:01 2019
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02093

Manual Integrations APPROVED
mohammad
8/9/2019 4:30:57 PM



Quantitation Report (Qedit)

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Quant Time: Aug 08 17:27:18 2019
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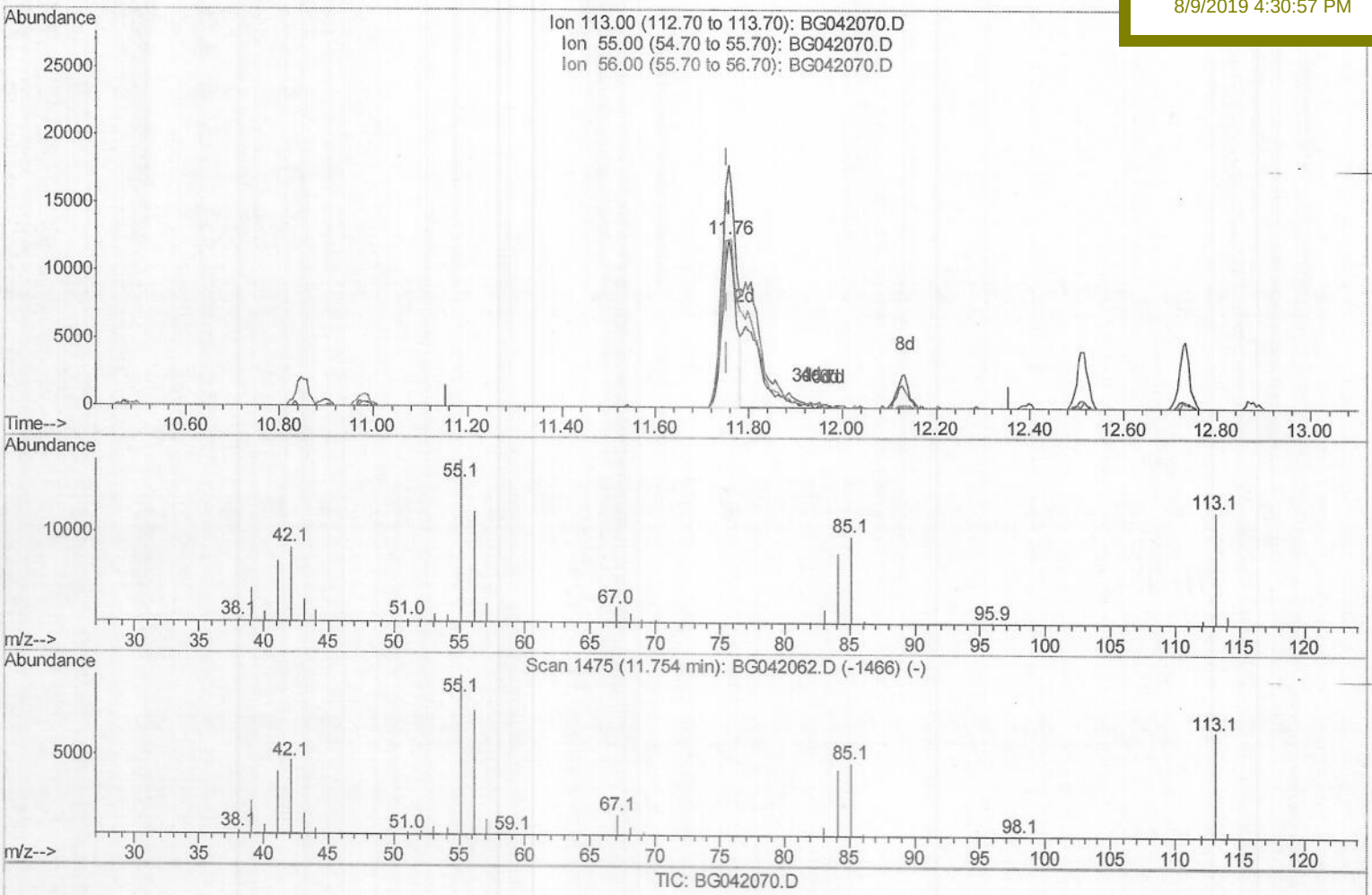

TIC: BG042070.D

(32) Caprolactam

11.757min (+0.002) 10.93ng/ul

response 24479

Ion	Exp%	Act%
113.00	100	100
55.00	178.00	143.35
56.00	136.80	98.56#
0.00	0.00	0.00

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mohammad
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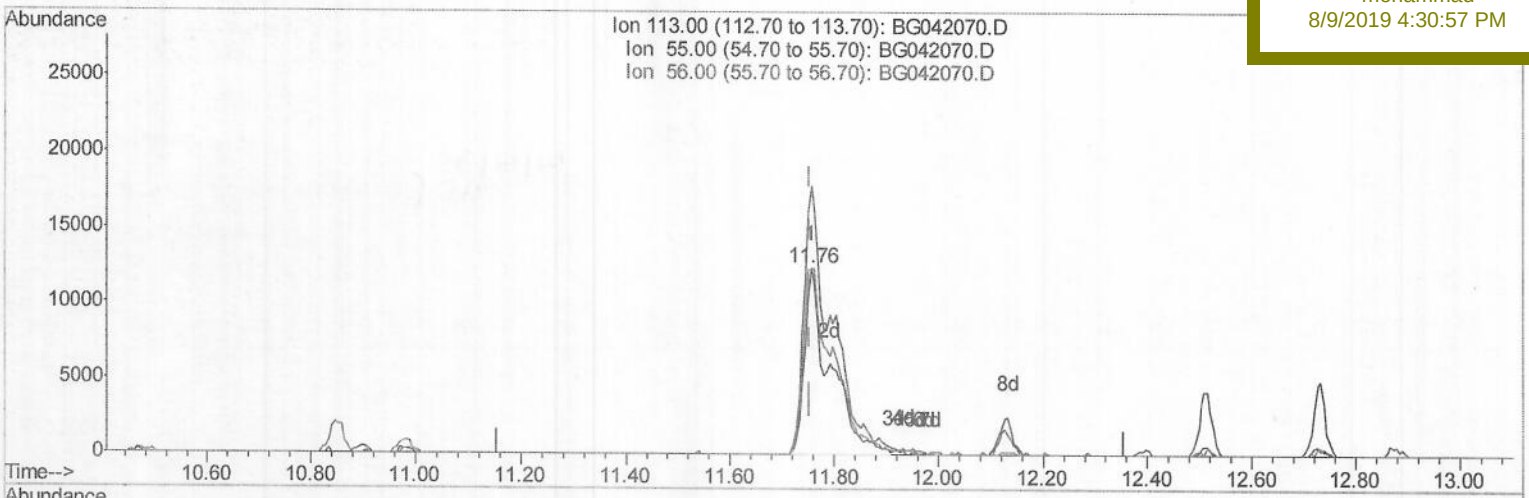

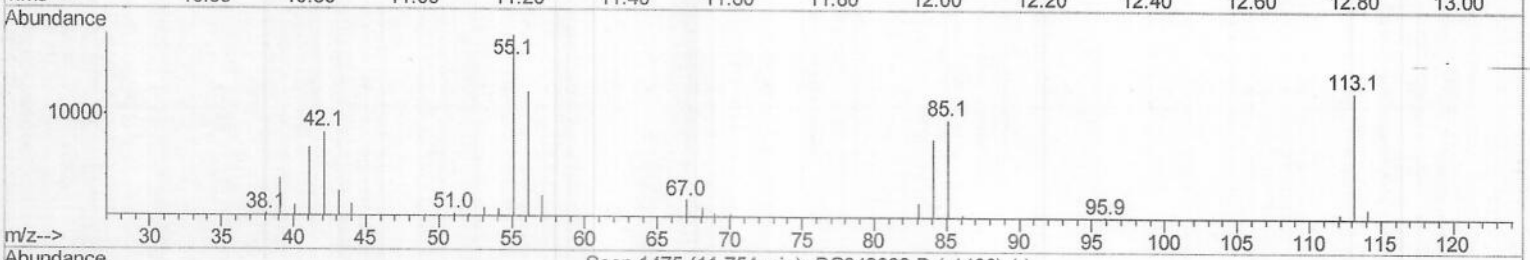

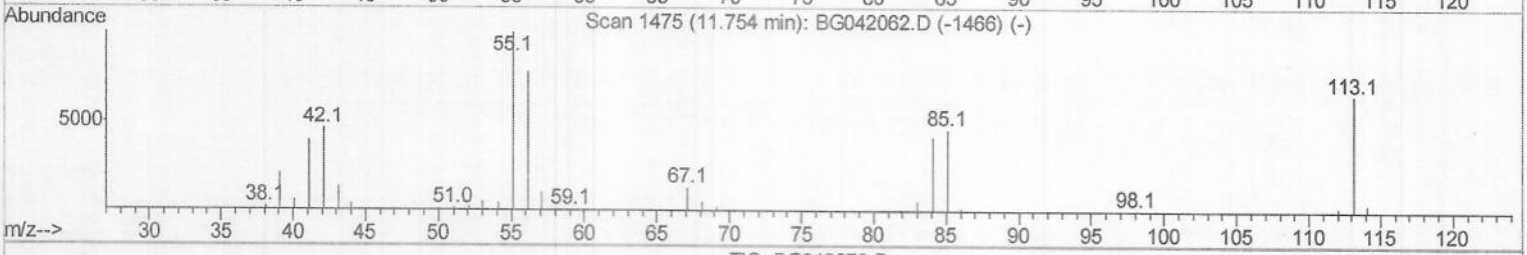

TIC: BG042070.D

(32) Caprolactam

11.757min (+0.002) 19.05ng/ul m JU 08/17/19

response 42666

Ion	Exp%	Act%
113.00	100	100
55.00	178.00	143.35
56.00	136.80	98.56#
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	8.03	152	93534	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	395557	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	270270	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	618204	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	588475	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	679996	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	13683	6.40	ng/uL	0.00
5) Phenol-d5	7.18	99	153383	20.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	81738	19.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	137011	21.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	127103	20.62	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	66133	22.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	81000	23.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	161902	23.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	170506	22.02	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	461983	22.04	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	566228	23.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	74622	21.20	ng/ul	0.00
57) Fluorene-d10	15.68	176	417725	22.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	86428	21.79	ng/ul	0.00
70) Anthracene-d10	17.54	188	632526	21.33	ng/ul	0.00
78) Pyrene-d10	19.82	212	715685	21.79	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	821143	23.12	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	14277	6.446	ng/uL	96
4) Benzaldehyde	7.15	77	68165	19.654	ng/ul	92
6) Phenol	7.20	94	145108	19.151	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.44	93	109133	18.933	ng/ul	92
10) 2-Chlorophenol	7.59	128	127207	19.997	ng/ul	97
11) 2-Methylphenol	8.47	108	116866	19.238	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.56	45	154612	15.857	ng/ul#	94
14) Acetophenone	8.85	105	182597	19.265	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.84	70	87241	17.424	ng/ul	95
16) 4-Methylphenol	8.80	108	125190	19.076	ng/ul	93
17) Hexachloroethane	9.12	117	50464	19.157	ng/ul	91
20) Nitrobenzene	9.24	77	129246	19.058	ng/ul	94
21) Isophorone	9.77	82	243079	17.977	ng/ul#	96
23) 2-Nitrophenol	9.95	139	79417	21.501	ng/ul	93
24) 2,4-Dimethylphenol	10.01	107	133120	18.267	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.25	93	150759	18.779	ng/ul	97
27) 2,4-Dichlorophenol	10.49	162	146069	21.105	ng/ul	99
28) Naphthalene	10.90	128	404458	20.001	ng/ul	99
30) 4-Chloroaniline	11.00	127	160306	20.597	ng/ul	99
31) Hexachlorobutadiene	11.19	225	110688	21.065	ng/ul	99
32) Caprolactam	11.76	113	42666m	19.054	ng/ul	
33) 4-Chloro-3-methylphenol	12.13	107	133708	19.608	ng/ul	97
34) 2-Methylnaphthalene	12.51	142	324781	20.207	ng/ul	100

JU 08/14/19

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Manual Integrations APPROVED
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8/9/2019 4:30:57 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.88	216	212836	22.025 ng/ul	96
37) Hexachlorocyclopentadiene	12.86	237	94479	15.486 ng/ul	92
38) 2,4,6-Trichlorophenol	13.11	196	133718	22.360 ng/ul	98
39) 2,4,5-Trichlorophenol	13.19	196	145733	21.847 ng/ul	96
40) 1,1'-Biphenyl	13.52	154	410325	20.879 ng/ul	98
41) 2-Chloronaphthalene	13.56	162	340388	21.510 ng/ul	99
42) 2-Nitroaniline	13.75	65	77145	18.636 ng/ul	84
44) Dimethylphthalate	14.13	163	421452	20.250 ng/ul	99
45) 2,6-Dinitrotoluene	14.25	165	97925	21.631 ng/ul	90
47) Acenaphthylene	14.41	152	489777	20.266 ng/ul	98
48) 3-Nitroaniline	14.58	138	82354	22.811 ng/ul	94
49) Acenaphthene	14.75	153	348427	20.619 ng/ul	98
50) 2,4-Dinitrophenol	14.79	184	50638	20.442 ng/ul	99
52) 4-Nitrophenol	14.89	109	49594	19.015 ng/ul	91
53) Dibenzofuran	15.08	168	514626	20.406 ng/ul	97
54) 2,4-Dinitrotoluene	15.04	165	136045	20.669 ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	15.31	232	135298	21.402 ng/ul	98
56) Diethylphthalate	15.50	149	406984	19.658 ng/ul	97
58) Fluorene	15.73	166	414106	20.386 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.73	204	245161	20.784 ng/ul	97
60) 4-Nitroaniline	15.75	138	85181	21.178 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.81	198	87316	20.434 ng/ul	99
64) N-Nitrosodiphenylamine	15.94	169	376750	20.541 ng/ul	98
65) 4-Bromophenyl-phenylether	16.62	248	173650	21.218 ng/ul	95
66) Hexachlorobenzene	16.75	284	175744	21.380 ng/ul#	93
67) Atrazine	16.89	200	154126	20.051 ng/ul	97
68) Pentachlorophenol	17.09	266	102251	22.839 ng/ul	98
69) Phenanthrene	17.48	178	670856	19.822 ng/ul	99
71) Anthracene	17.57	178	665099	19.376 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.48	216	215933	21.919 ng/uL	99
73) Pentachlorobenzene	15.01	250	216720	21.757 ng/uL	98
74) Carbazole	17.84	167	578041	20.330 ng/ul	100
75) Di-n-butylphthalate	18.40	149	681791	19.455 ng/ul	99
76) Fluoranthene	19.49	202	830076	21.228 ng/ul	97
79) Pyrene	19.85	202	802166	20.265 ng/ul	99
80) Butylbenzylphthalate	20.73	149	307620	19.744 ng/ul	98
81) 3,3'-Dichlorobenzidine	21.61	252	305657	22.853 ng/ul	100
82) Benzo(a)anthracene	21.70	228	832376	20.400 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.61	149	432388	20.339 ng/ul	99
84) Chrysene	21.77	228	773353	20.307 ng/ul	100
86) Di-n-octyl phthalate	22.84	149	746015	22.174 ng/ul	100
87) Benzo(b)fluoranthene	23.95	252	876856	20.548 ng/ul	100
88) Benzo(k)fluoranthene	24.02	252	846257	20.625 ng/ul	100
90) Benzo(a)pyrene	24.84	252	840887	20.679 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	28.72	276	998603	21.054 ng/ul	98
92) Dibenzo(a,h)anthracene	28.79	278	824223	21.304 ng/ul	99
93) Benzo(g,h,i)perylene	29.88	276	822437	20.769 ng/ul	99

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