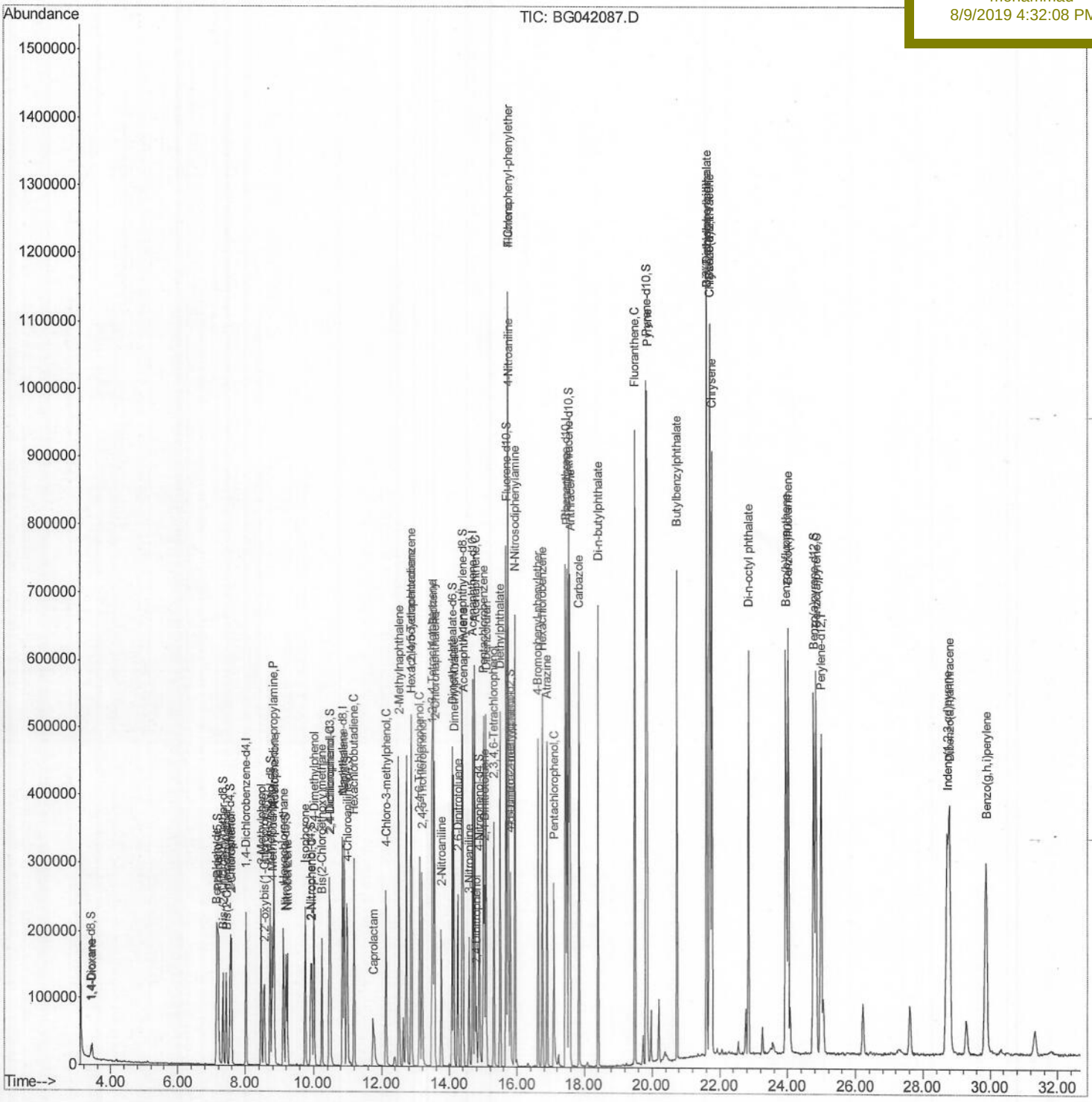
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080819\
Data File : BG042087.D
Acq On : 9 Aug 2019 4:24
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 09 09:47:26 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 :
SSTD02095

Manual Integrations APPROVED
mohammad
8/9/2019 4:32:08 PM



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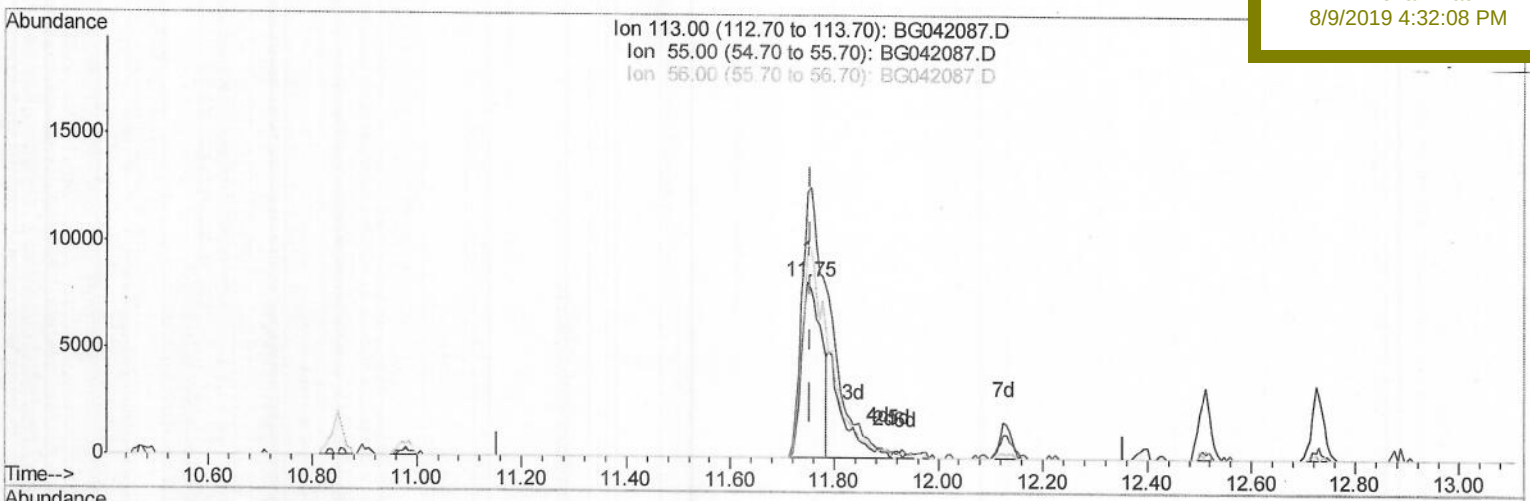

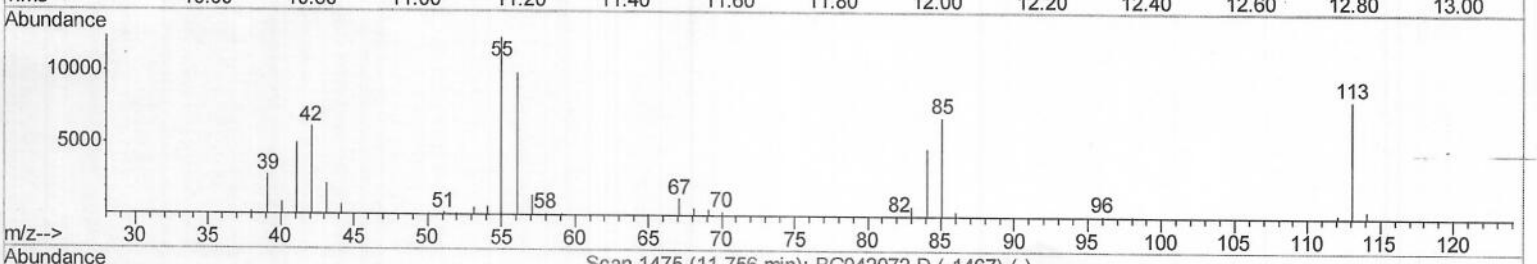

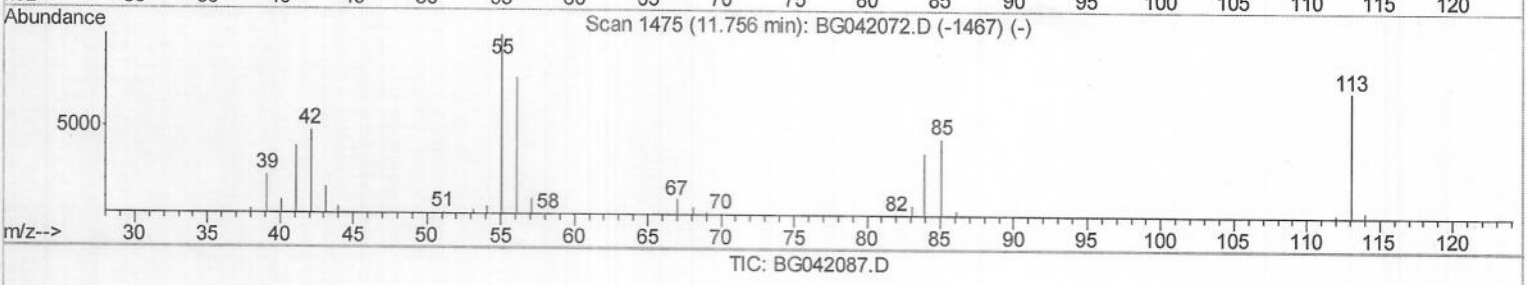

TIC: BG042087.D

(32) Caprolactam

11.748min (-0.006) 12.29ng/ul

response 21761

Ion	Exp%	Act%
113.00	100	100
55.00	178.00	150.60
56.00	136.80	121.35
0.00	0.00	0.00

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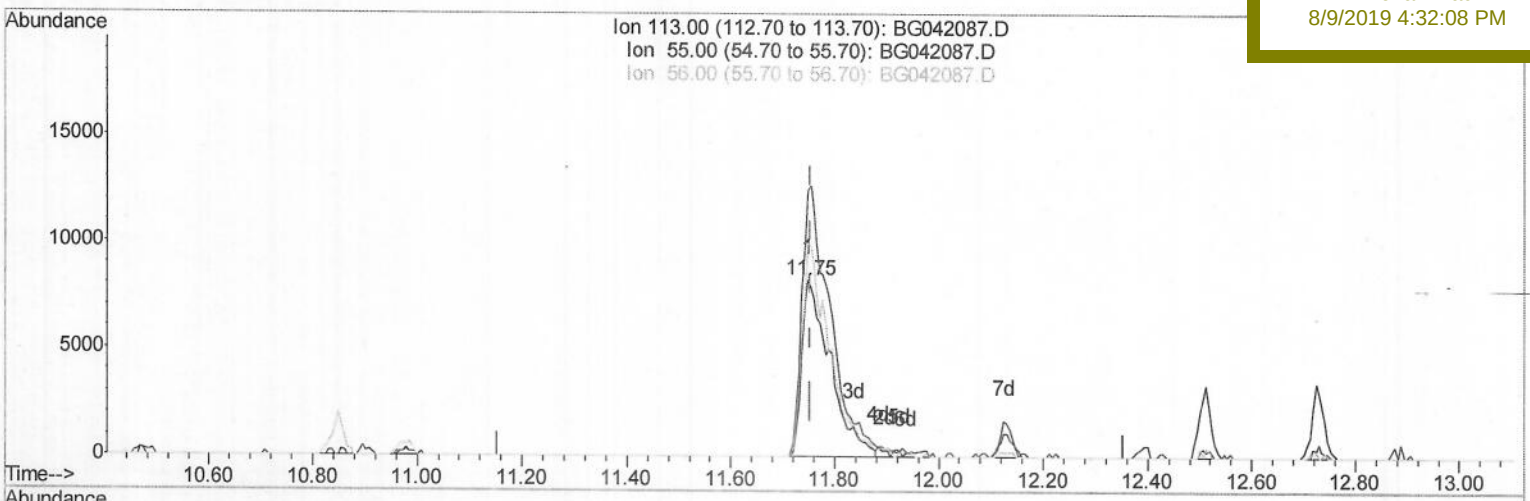

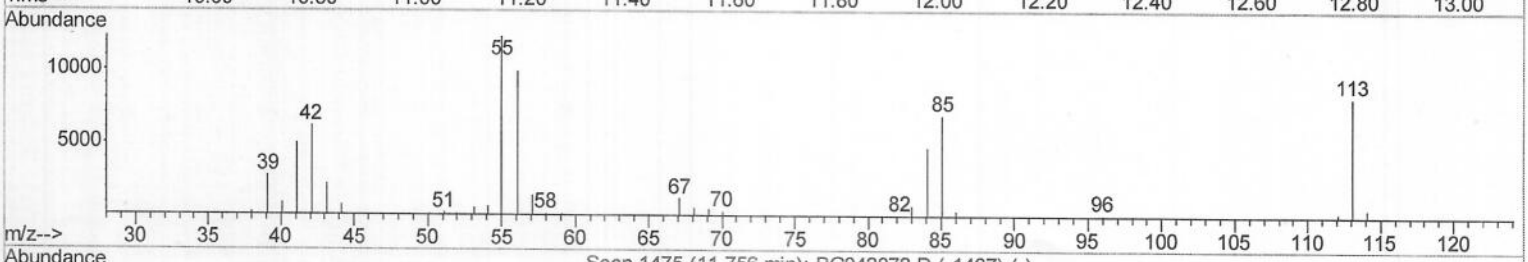

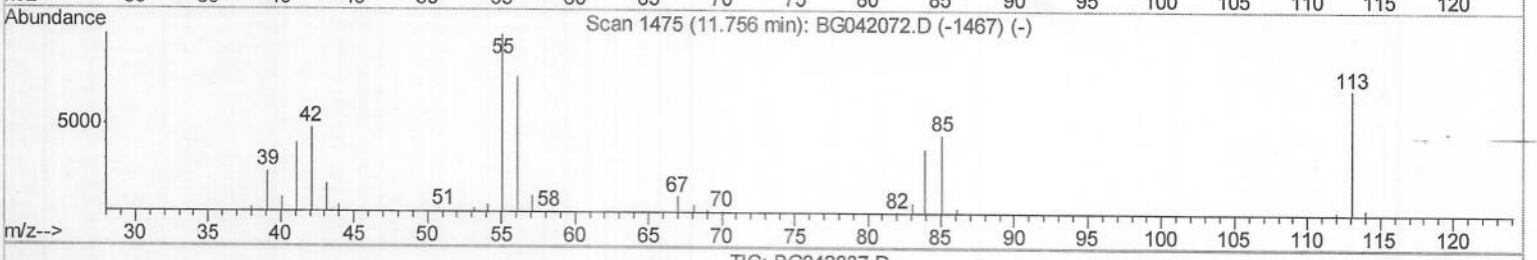

TIC: BG042087.D

(32) Caprolactam

11.748min (-0.006) 17.82ng/ul m) JU 08/16/19

response 31554

Ion	Exp%	Act%
113.00	100	100
55.00	178.00	150.60
56.00	136.80	121.35
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	8.02	152	74592	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	312793	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	208984	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	497820	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	471569	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	550519	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	11071	6.49	ng/uL	0.00
5) Phenol-d5	7.18	99	122135	20.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	63174	19.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	106768	21.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	100234	20.40	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	50838	21.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	64336	23.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	124137	22.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	131833	21.53	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	359771	22.20	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	459739	24.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	56743	20.85	ng/ul	0.00
57) Fluorene-d10	15.68	176	334303	23.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	64700	20.26	ng/ul	0.00
70) Anthracene-d10	17.54	188	515078	21.57	ng/ul	0.00
78) Pyrene-d10	19.82	212	575110	21.85	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	658677	22.90	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	11391	6.449	ng/uL#	89
4) Benzaldehyde	7.15	77	49921	18.049	ng/ul	92
6) Phenol	7.20	94	110869	18.348	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.44	93	82674	17.985	ng/ul	90
10) 2-Chlorophenol	7.58	128	97414	19.202	ng/ul	99
11) 2-Methylphenol	8.47	108	90254	18.630	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.55	45	116940	15.039	ng/ul#	92
14) Acetophenone	8.85	105	140954	18.648	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.83	70	65930	16.511	ng/ul	95
16) 4-Methylphenol	8.79	108	94594	18.074	ng/ul	94
17) Hexachloroethane	9.12	117	37864	18.024	ng/ul	92
20) Nitrobenzene	9.23	77	96291	17.955	ng/ul	94
21) Isophorone	9.76	82	182197	17.040	ng/ul	95
23) 2-Nitrophenol	9.95	139	60471	20.704	ng/ul	96
24) 2,4-Dimethylphenol	10.01	107	105899	18.376	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.24	93	114454	18.029	ng/ul	97
27) 2,4-Dichlorophenol	10.49	162	111335	20.343	ng/ul	98
28) Naphthalene	10.90	128	304584	19.047	ng/ul	98
30) 4-Chloroaniline	11.00	127	117878	19.153	ng/ul	96
31) Hexachlorobutadiene	11.19	225	82104	19.760	ng/ul	99
32) Caprolactam	11.75	113	31554m	17.820	ng/ul	) JU
33) 4-Chloro-3-methylphenol	12.13	107	100082	18.560	ng/ul	96 08/16/19
34) 2-Methylnaphthalene	12.51	142	246755	19.414	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.88	216	161226	21.577 ng/ul	98
37) Hexachlorocyclopentadiene	12.86	237	81636	17.305 ng/ul#	98
38) 2,4,6-Trichlorophenol	13.11	196	99836	21.590 ng/ul	98
39) 2,4,5-Trichlorophenol	13.19	196	106608	20.669 ng/ul	100
40) 1,1'-Biphenyl	13.52	154	312954	20.595 ng/ul	98
41) 2-Chloronaphthalene	13.56	162	259034	21.170 ng/ul	98
42) 2-Nitroaniline	13.76	65	57075	17.831 ng/ul	83
44) Dimethylphthalate	14.13	163	319946	19.881 ng/ul	99
45) 2,6-Dinitrotoluene	14.25	165	74181	21.192 ng/ul	93
47) Acenaphthylene	14.40	152	373450	19.984 ng/ul	99
48) 3-Nitroaniline	14.58	138	63156	22.624 ng/ul	100
49) Acenaphthene	14.75	153	266801	20.419 ng/ul	99
50) 2,4-Dinitrophenol	14.79	184	31800	16.602 ng/ul	99
52) 4-Nitrophenol	14.89	109	36155	17.928 ng/ul	88
53) Dibenzofuran	15.09	168	397858	20.402 ng/ul	98
54) 2,4-Dinitrotoluene	15.04	165	103752	20.385 ng/ul#	88
55) 2,3,4,6-Tetrachlorophenol	15.31	232	99118	20.277 ng/ul#	98
56) Diethylphthalate	15.50	149	312161	19.499 ng/ul	99
58) Fluorene	15.73	166	318162	20.256 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.73	204	188346	20.650 ng/ul	98
60) 4-Nitroaniline	15.74	138	64188	20.638 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.81	198	63045	18.322 ng/ul	99
64) N-Nitrosodiphenylamine	15.94	169	287573	19.471 ng/ul	98
65) 4-Bromophenyl-phenylether	16.62	248	129319	19.622 ng/ul	94
66) Hexachlorobenzene	16.75	284	132890	20.076 ng/ul#	90
67) Atrazine	16.89	200	115928	18.729 ng/ul	99
68) Pentachlorophenol	17.09	266	72962	20.238 ng/ul	99
69) Phenanthrene	17.48	178	522389	19.168 ng/ul	100
71) Anthracene	17.57	178	526598	19.051 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.49	216	163850	20.654 ng/uL	98
73) Pentachlorobenzene	15.01	250	164607	20.522 ng/uL	97
74) Carbazole	17.84	167	440477	19.238 ng/ul	99
75) Di-n-butylphthalate	18.40	149	519113	18.395 ng/ul	98
76) Fluoranthene	19.49	202	644672	20.473 ng/ul	97
79) Pyrene	19.85	202	624973	19.703 ng/ul	98
80) Butylbenzylphthalate	20.74	149	234169	18.756 ng/ul	96
81) 3,3'-Dichlorobenzidine	21.61	252	246877	23.034 ng/ul#	97
82) Benzo(a)anthracene	21.70	228	649050	19.851 ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.61	149	329730	19.356 ng/ul	100
84) Chrysene	21.77	228	601086	19.697 ng/ul	99
86) Di-n-octyl phthalate	22.84	149	566622	20.803 ng/ul	100
87) Benzo(b)fluoranthene	23.95	252	666474	19.291 ng/ul	100
88) Benzo(k)fluoranthene	24.02	252	652280	19.637 ng/ul	100
90) Benzo(a)pyrene	24.83	252	647202	19.659 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.70	276	753633	19.626 ng/ul	99
92) Dibenzo(a,h)anthracene	28.78	278	629817	20.108 ng/ul	99
93) Benzo(g,h,i)perylene	29.88	276	609139	19.000 ng/ul	98

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