Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN111319\
Data File : BN008520.D
Acq On : 13 Nov 2019 13:36
Operator : JU
Sample : SSTD04055
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 13 14:53:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 13 13:19:32 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD04055

Manual Integrations APPROVED
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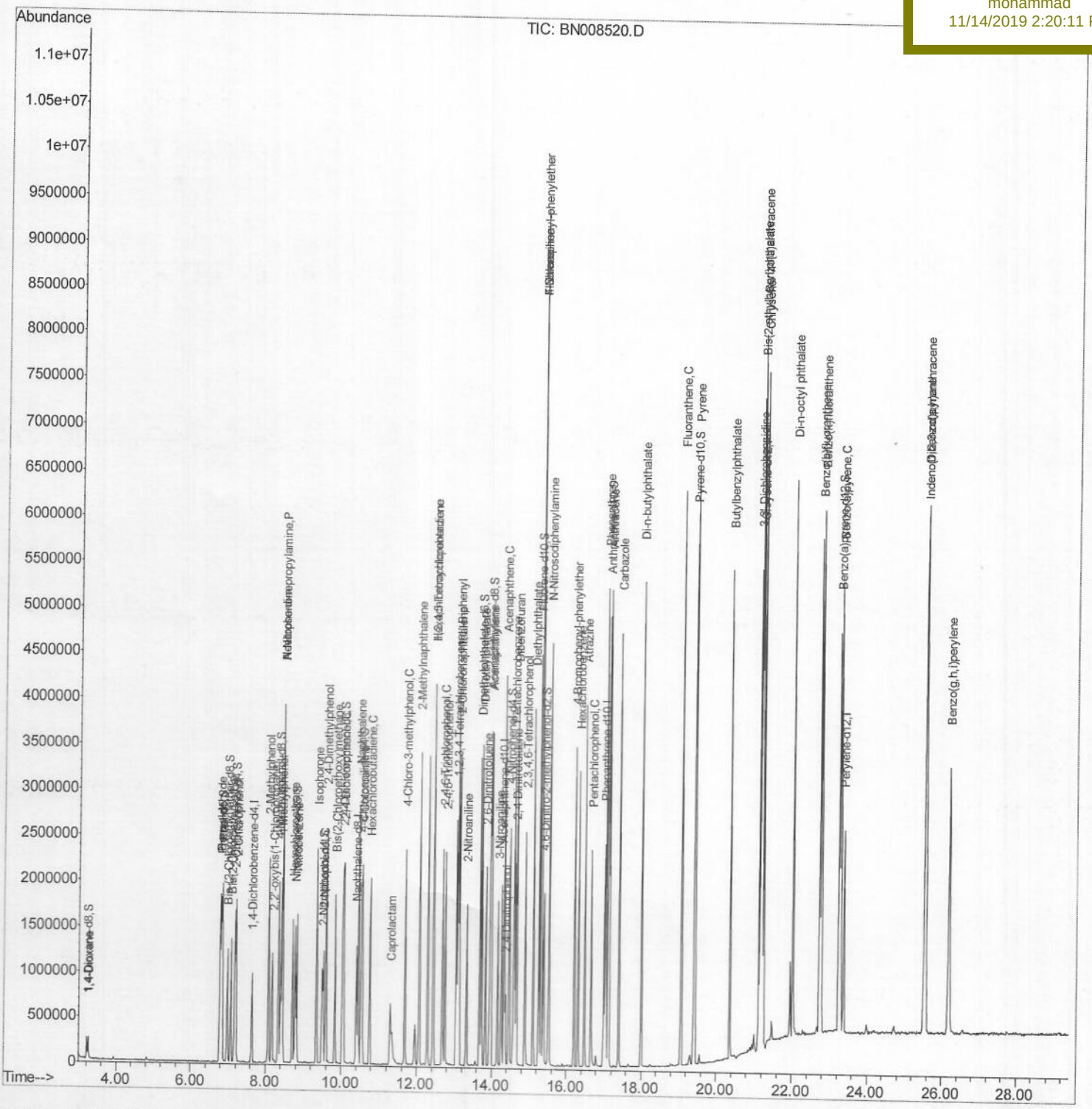

SOM-EPA-BN111319MA.M Wed Nov 13 14:48:40 2019

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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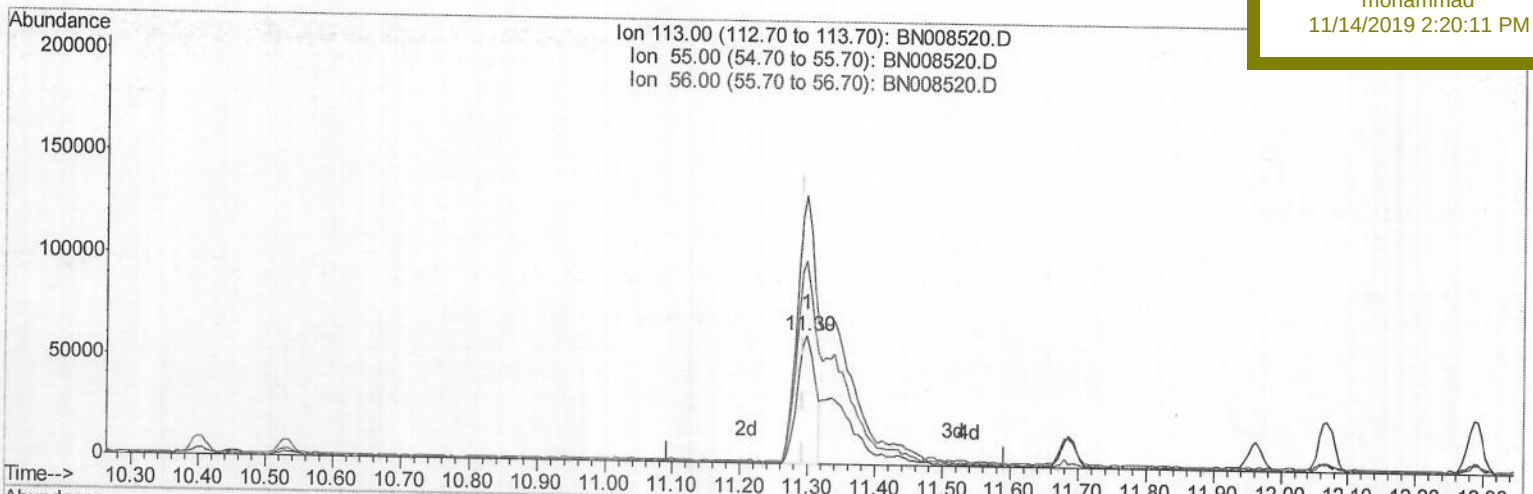
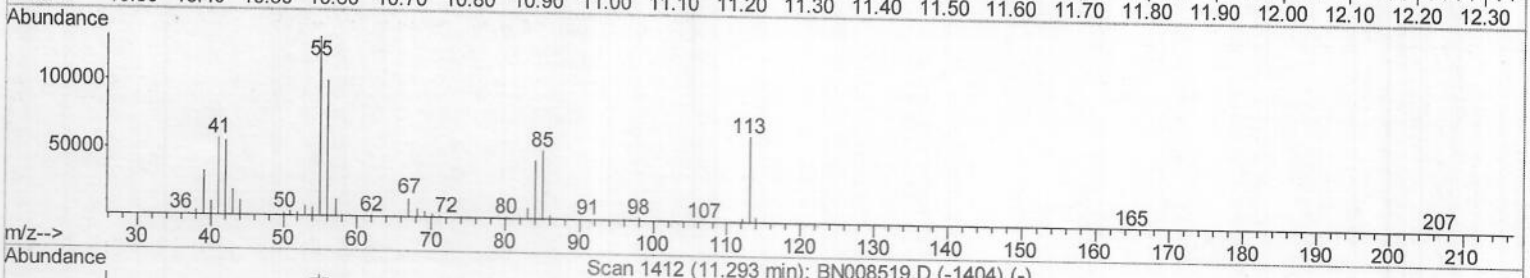
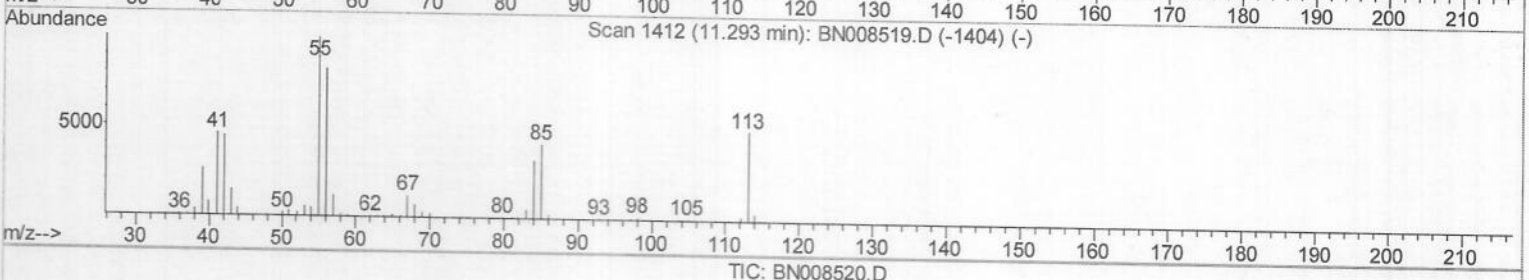
11/14/2019 2:20:11 PM







TIC: BN008520.D

(32) Caprolactam

11.298min (+0.006) 29.27ng/ul

response 116797

Ion	Exp%	Act%
113.00	100	100
55.00	204.80	208.64
56.00	166.90	158.74
0.00	0.00	0.00

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Manual Integrations APPROVED
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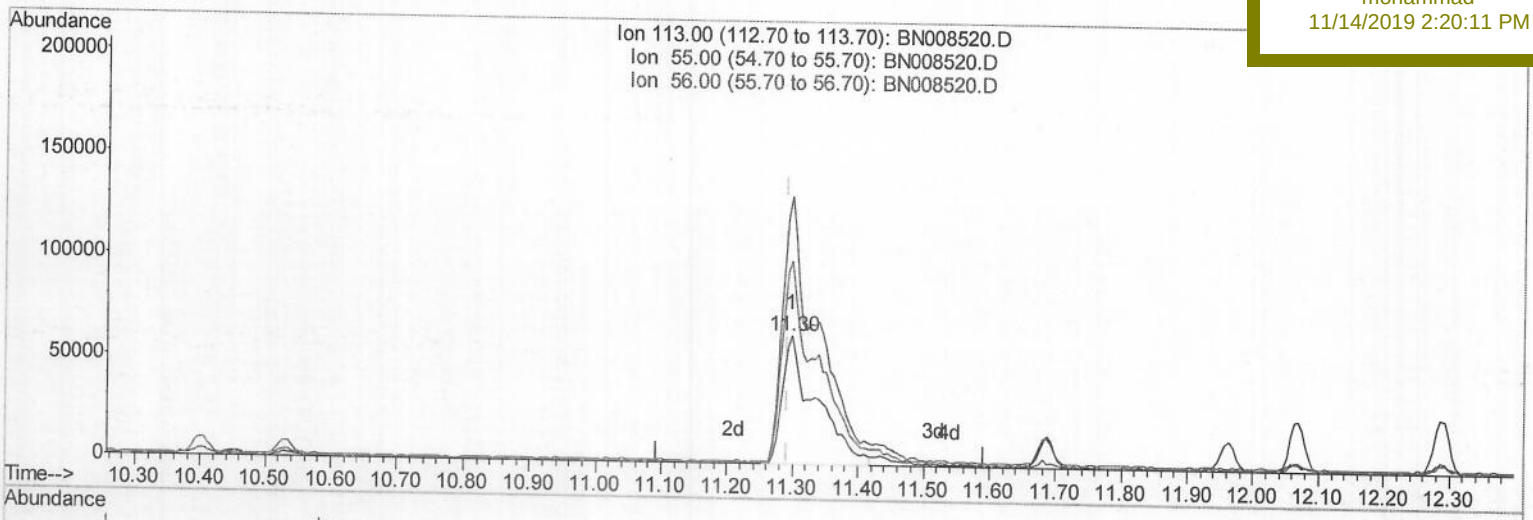
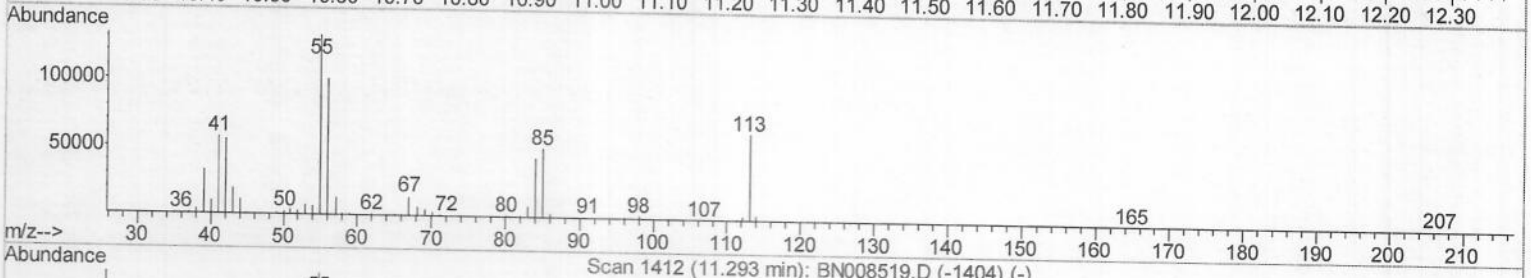
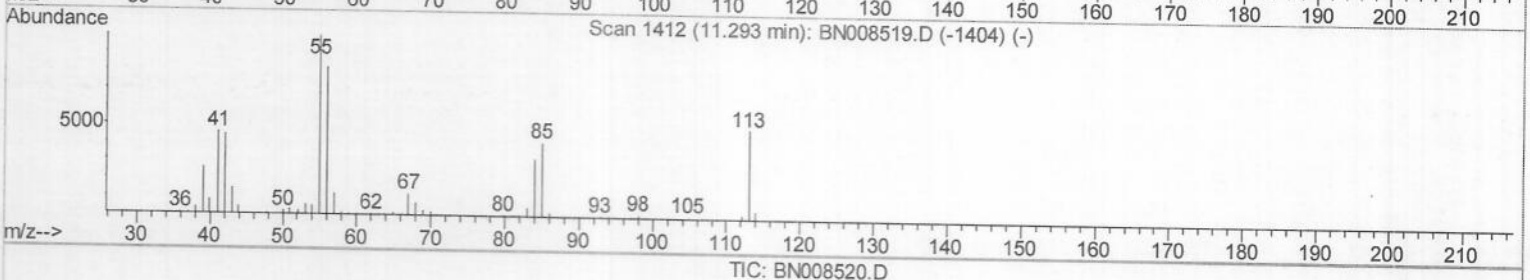
11/14/2019 2:20:11 PM







TIC: BN008520.D

(32) Caprolactam

11.298min (+0.006) 56.63ng/ul m > JU 11/15/19

response 225929

Ion	Exp%	Act%
113.00	100	100
55.00	204.80	208.64
56.00	166.90	158.74
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	7.64	152	236718	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	998768	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	648785	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	1419238	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1294804	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	1468453	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	94144	17.47	ng/uL	0.00
5) Phenol-d5	6.82	99	867544	43.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	531419	43.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	658515	44.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	685507	44.59	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	292734	60.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	278591	48.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	677835	41.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	852507	52.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	2096733	42.31	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	2386904	40.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	345146	57.24	ng/ul	0.00
57) Fluorene-d10	15.26	176	1710587	38.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	224998	29.15	ng/ul	0.00
70) Anthracene-d10	17.10	188	2709381	39.13	ng/ul	0.00
78) Pyrene-d10	19.40	212	3023855	44.33	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	3097263	41.32	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	98079	16.190	ng/uL	100
4) Benzaldehyde	6.79	77	584758	44.319	ng/ul	99
6) Phenol	6.84	94	876618	40.608	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.07	93	672631	42.129	ng/ul	95
10) 2-Chlorophenol	7.21	128	664112	43.485	ng/ul	99
11) 2-Methylphenol	8.07	108	660539	43.036	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.17	45	1115021	69.153	ng/ul	99
14) Acetophenone	8.45	105	1074169	39.795	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.45	70	551838	45.710	ng/ul	98
16) 4-Methylphenol	8.40	108	717596	42.702	ng/ul	98
17) Hexachloroethane	8.71	117	285311	42.538	ng/ul	98
20) Nitrobenzene	8.82	77	785256	52.244	ng/ul	99
21) Isophorone	9.35	82	1593793	41.802	ng/ul	99
23) 2-Nitrophenol	9.52	139	316339	50.045	ng/ul	96
24) 2,4-Dimethylphenol	9.59	107	839745	43.553	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.83	93	925793	45.470	ng/ul	98
27) 2,4-Dichlorophenol	10.05	162	643908	41.364	ng/ul	96
28) Naphthalene	10.45	128	2096692	39.201	ng/ul	98
30) 4-Chloroaniline	10.56	127	845682	50.388	ng/ul	95
31) Hexachlorobutadiene	10.76	225	431239	30.270	ng/ul	94
32) Caprolactam	11.30	113	225929m	56.626	ng/ul	
33) 4-Chloro-3-methylphenol	11.69	107	768299	44.731	ng/ul	98
34) 2-Methylnaphthalene	12.07	142	1545489	40.715	ng/ul	98

JU 11/15/19

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.45	216	793435	32.134 ng/ul	96
37) Hexachlorocyclopentadiene	12.43	237	470187	50.116 ng/ul	99
38) 2,4,6-Trichlorophenol	12.68	196	518448	39.496 ng/ul	97
39) 2,4,5-Trichlorophenol	12.75	196	551006	39.152 ng/ul	97
40) 1,1'-Biphenyl	13.09	154	1981447	39.297 ng/ul	98
41) 2-Chloronaphthalene	13.13	162	1528587	39.113 ng/ul	97
42) 2-Nitroaniline	13.33	65	466284	82.759 ng/ul	96
44) Dimethylphthalate	13.73	163	2011417	41.198 ng/ul	99
45) 2,6-Dinitrotoluene	13.83	165	343986	56.462 ng/ul	93
47) Acenaphthylene	13.98	152	2383737	40.419 ng/ul	99
48) 3-Nitroaniline	14.16	138	352798	58.414 ng/ul	97
49) Acenaphthene	14.33	153	1624570	38.895 ng/ul	99
50) 2,4-Dinitrophenol	14.36	184	132049	26.733 ng/ul	93
52) 4-Nitrophenol	14.47	109	325626	50.452 ng/ul	99
53) Dibenzofuran	14.66	168	2346957	38.306 ng/ul	96
54) 2,4-Dinitrotoluene	14.62	165	517010	52.774 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.89	232	454455	33.726 ng/ul	97
56) Diethylphthalate	15.11	149	2078019	46.251 ng/ul	100
58) Fluorene	15.32	166	1831313	36.727 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.32	204	911479	32.056 ng/ul	96
60) 4-Nitroaniline	15.32	138	416162	64.341 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.39	198	251825	30.572 ng/ul	95
64) N-Nitrosodiphenylamine	15.53	169	1695063	45.593 ng/ul	96
65) 4-Bromophenyl-phenylether	16.21	248	586118	34.358 ng/ul	94
66) Hexachlorobenzene	16.32	284	614820	31.674 ng/ul	96
67) Atrazine	16.49	200	647360	44.305 ng/ul	96
68) Pentachlorophenol	16.66	266	367480	32.629 ng/ul	97
69) Phenanthrene	17.04	178	3082040	39.350 ng/ul	99
71) Anthracene	17.14	178	3169283	40.375 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.05	216	781697	33.293 ng/uL	98
73) Pentachlorobenzene	14.59	250	762025	32.288 ng/uL	94
74) Carbazole	17.40	167	2902209	43.367 ng/ul	98
75) Di-n-butylphthalate	18.00	149	3568783	58.296 ng/ul	99
76) Fluoranthene	19.06	202	3703637	36.905 ng/ul	100
79) Pyrene	19.43	202	3766420	44.477 ng/ul	99
80) Butylbenzylphthalate	20.36	149	1466943	81.637 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.12	252	1324704	62.294 ng/ul	96
82) Benzo(a)anthracene	21.19	228	3706224	42.121 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.16	149	2363945	81.631 ng/ul#	97
84) Chrysene	21.24	228	3454453	40.579 ng/ul	99
86) Di-n-octyl phthalate	22.03	149	4060273	70.601 ng/ul	100
87) Benzo(b)fluoranthene	22.73	252	3676677	39.829 ng/ul	100
88) Benzo(k)fluoranthene	22.78	252	3572678	37.981 ng/ul	99
90) Benzo(a)pyrene	23.29	252	3504825	40.491 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.54	276	4080451	39.311 ng/ul	98
92) Dibenzo(a,h)anthracene	25.56	278	3386319	39.300 ng/ul	97
93) Benzo(g,h,i)perylene	26.19	276	3380782	38.876 ng/ul	98

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