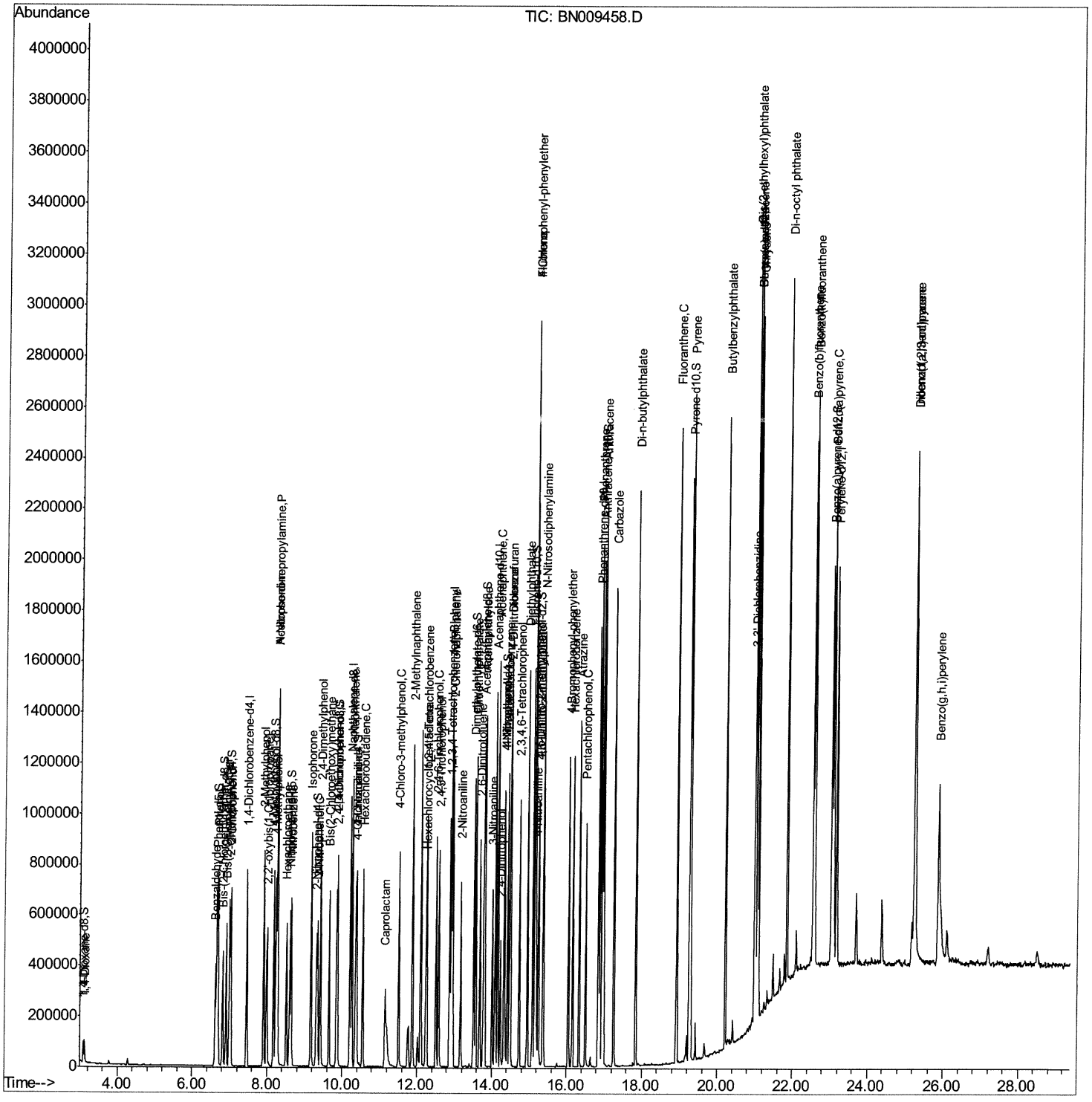
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
Data File : BN009458.D
Acq On : 28 Jan 2020 19:25
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 29 00:44:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 15:13:20 2020
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02062

Manual Integrations APPROVED
mohammad
1/30/2020 8:03:52 AM



Quantitation Report (Qedit)

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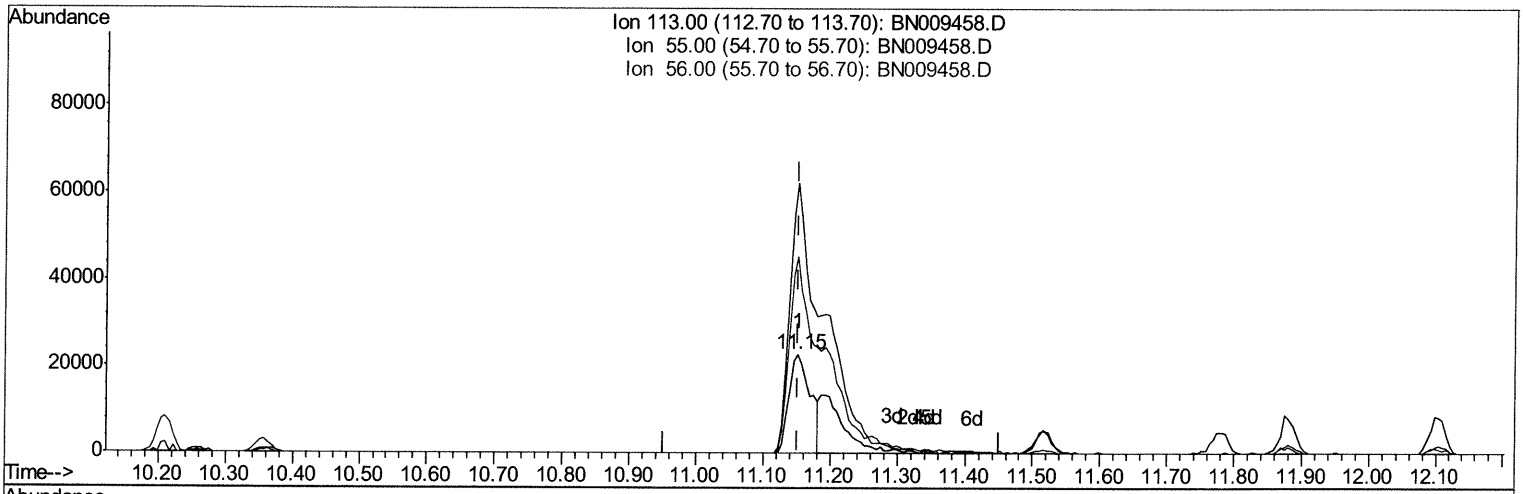

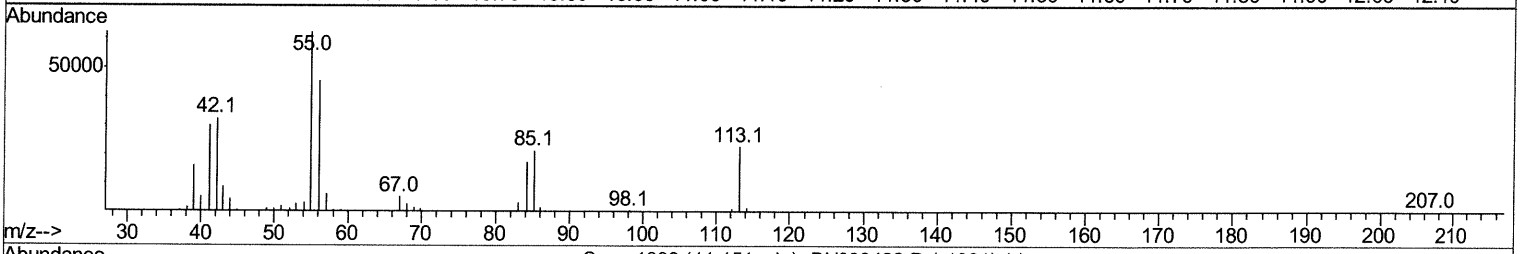

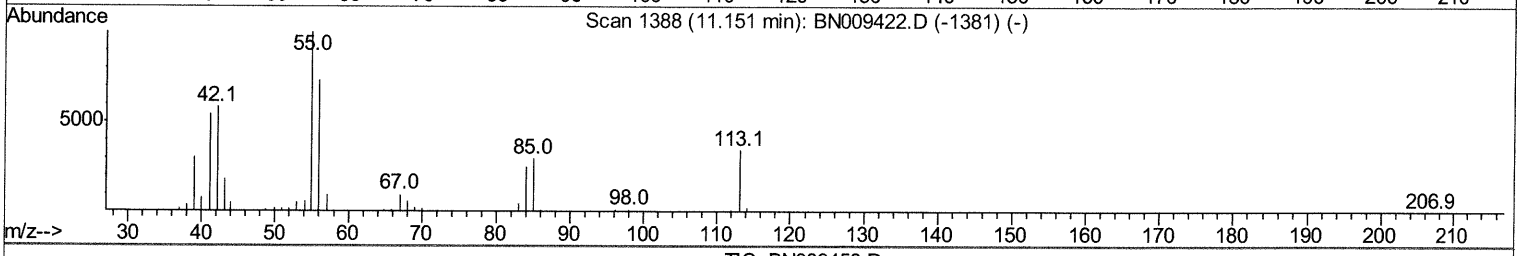

TIC: BN009458.D

(32) Caprolactam

11.151min (-0.000) 13.11ng/ul

response 50757

Ion	Exp%	Act%
113.00	100	100
55.00	267.50	274.70
56.00	196.90	199.58
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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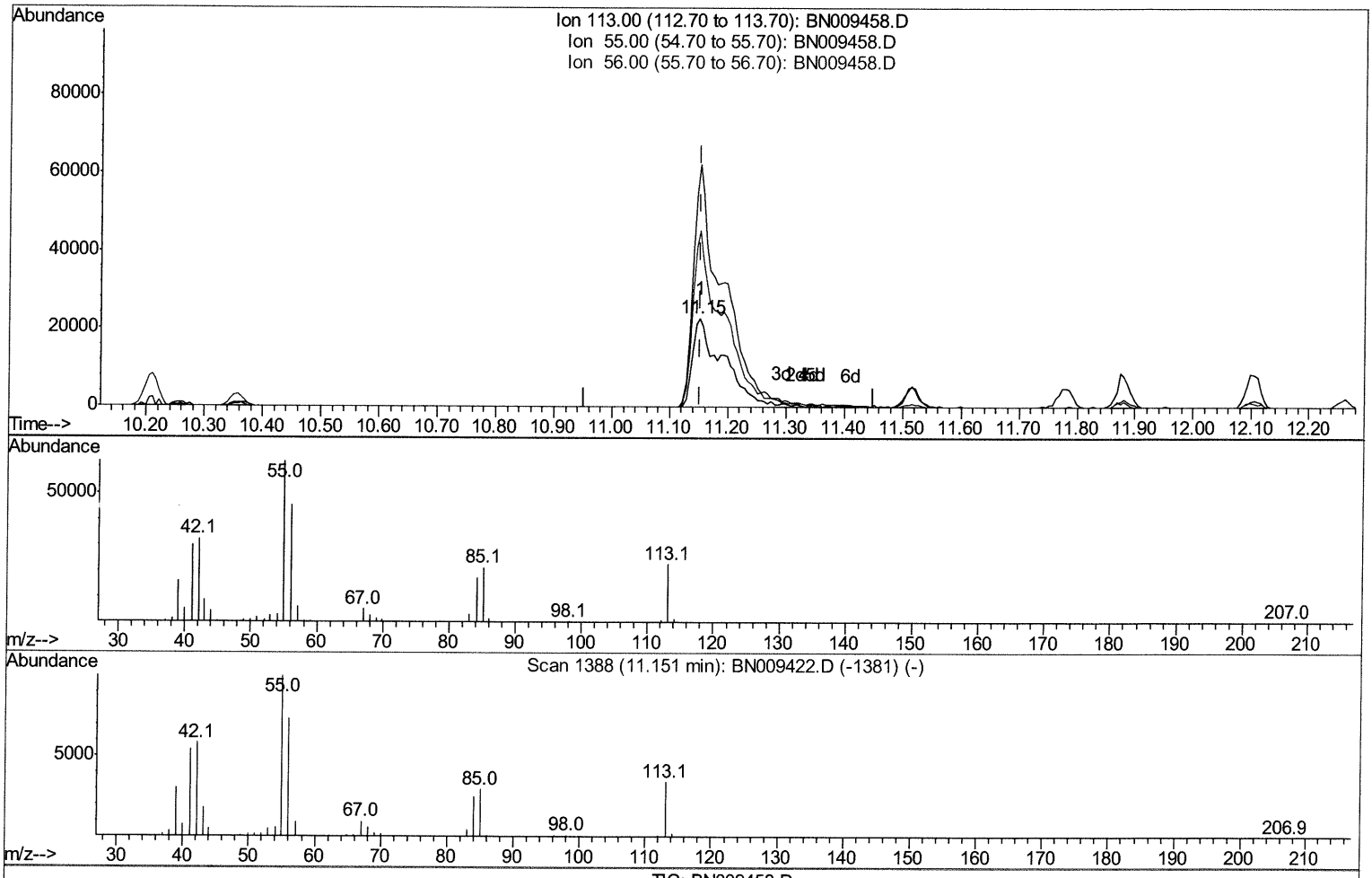

TIC: BN009458.D

(32) Caprolactam

11.151min (-0.000) 21.67ng/ul m JU 01/29/20

response 83895

Ion	Exp%	Act%
113.00	100	100
55.00	267.50	274.70
56.00	196.90	199.58
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Quant Time: Jan 29 00:44:59 2020
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 15:13:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	179665	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	762826	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.09	164	457251	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.85	188	1012281	20.00	ng/ul	0.00
77) Chrysene-d12	21.06	240	905486	20.00	ng/ul	0.00
85) Perylene-d12	23.17	264	987889	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	32045	7.38	ng/uL	0.00
5) Phenol-d5	6.66	99	314520	19.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	213132	18.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	246101	21.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	251995	19.87	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	119001	21.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	131946	22.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	241769	20.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	284079	20.39	ng/ul	0.00
43) Dimethylphthalate-d6	13.52	166	700794	20.71	ng/ul	0.00
46) Acenaphthylene-d8	13.78	160	827191	20.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	146419	23.25	ng/ul	0.00
57) Fluorene-d10	15.09	176	589546	19.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	126332	20.61	ng/ul	0.00
70) Anthracene-d10	16.95	188	1005672	21.47	ng/ul	0.00
78) Pyrene-d10	19.25	212	1068882	21.94	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.04	264	1033339	20.72	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	34532	7.142	ng/uL	90
4) Benzaldehyde	6.62	77	132529	15.848	ng/ul	95
6) Phenol	6.68	94	326121	19.538	ng/ul	94
8) Bis(2-Chloroethyl)ether	6.90	93	261461	19.531	ng/ul	94
10) 2-Chlorophenol	7.03	128	248460	20.531	ng/ul	94
11) 2-Methylphenol	7.90	108	240043	19.474	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	7.99	45	573512	16.306	ng/ul#	97
14) Acetophenone	8.28	105	380065	18.551	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.26	70	211736	19.031	ng/ul	92
16) 4-Methylphenol	8.23	108	265512	19.669	ng/ul	99
17) Hexachloroethane	8.51	117	106531	19.002	ng/ul	96
20) Nitrobenzene	8.64	77	321065	19.675	ng/ul	97
21) Isophorone	9.16	82	577213	19.943	ng/ul	98
23) 2-Nitrophenol	9.34	139	141479	22.074	ng/ul	95
24) 2,4-Dimethylphenol	9.42	107	288500	19.616	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.65	93	344797	19.456	ng/ul	99
27) 2,4-Dichlorophenol	9.87	162	234879	20.787	ng/ul	99
28) Naphthalene	10.26	128	812850	19.801	ng/ul	99
30) 4-Chloroaniline	10.38	127	288805	20.567	ng/ul	100
31) Hexachlorobutadiene	10.55	225	150934	19.463	ng/ul	99
32) Caprolactam	11.15	113	83895m >	21.672	ng/ul >	JU 01/29/20
33) 4-Chloro-3-methylphenol	11.52	107	270283	19.713	ng/ul	98
34) 2-Methylnaphthalene	11.88	142	556299	19.685	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.26	216	275129	20.817 ng/ul	98
37) Hexachlorocyclopentadiene	12.24	237	103406	12.843 ng/ul	99
38) 2,4,6-Trichlorophenol	12.51	196	183704	22.487 ng/ul	96
39) 2,4,5-Trichlorophenol	12.59	196	195583	21.761 ng/ul	94
40) 1,1'-Biphenyl	12.92	154	707446	20.432 ng/ul	99
41) 2-Chloronaphthalene	12.95	162	567376	20.754 ng/ul	95
42) 2-Nitroaniline	13.17	65	208351	20.871 ng/ul	98
44) Dimethylphthalate	13.57	163	719027	20.638 ng/ul	99
45) 2,6-Dinitrotoluene	13.68	165	145302	21.920 ng/ul	91
47) Acenaphthylene	13.81	152	893238	20.606 ng/ul	98
48) 3-Nitroaniline	14.01	138	139021	22.464 ng/ul	96
49) Acenaphthene	14.16	153	593475	20.068 ng/ul	98
50) 2,4-Dinitrophenol	14.23	184	85118	22.118 ng/ul	83
52) 4-Nitrophenol	14.34	109	120110	20.604 ng/ul#	88
53) Dibenzofuran	14.50	168	812368	19.772 ng/ul	99
54) 2,4-Dinitrotoluene	14.48	165	234143	23.681 ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	14.73	232	174348	22.701 ng/ul#	95
56) Diethylphthalate	14.95	149	767269	21.535 ng/ul	99
58) Fluorene	15.15	166	692170	20.105 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.16	204	332103	19.568 ng/ul	95
60) 4-Nitroaniline	15.18	138	162662	23.278 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.25	198	132797	20.353 ng/ul	96
64) N-Nitrosodiphenylamine	15.37	169	605359	20.197 ng/ul	98
65) 4-Bromophenyl-phenylether	16.05	248	199914	19.595 ng/ul	91
66) Hexachlorobenzene	16.16	284	225933	19.963 ng/ul	94
67) Atrazine	16.34	200	205358	18.726 ng/ul	94
68) Pentachlorophenol	16.51	266	146701	22.299 ng/ul	89
69) Phenanthrene	16.89	178	1160623	20.320 ng/ul	96
71) Anthracene	16.98	178	1234201	21.222 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.88	216	275145	19.846 ng/uL	96
73) Pentachlorobenzene	14.42	250	248213	18.417 ng/uL	99
74) Carbazole	17.26	167	1082813	21.749 ng/ul	99
75) Di-n-butylphthalate	17.84	149	1383651	22.749 ng/ul	99
76) Fluoranthene	18.92	202	1400181	21.384 ng/ul	100
79) Pyrene	19.28	202	1418290	21.632 ng/ul	99
80) Butylbenzylphthalate	20.21	149	617369	24.399 ng/ul	99
81) 3,3'-Dichlorobenzidine	20.98	252	325143	17.036 ng/ul	97
82) Benzo(a)anthracene	21.04	228	1316203	21.345 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.00	149	858757	22.374 ng/ul#	97
84) Chrysene	21.09	228	1246256	20.748 ng/ul	99
86) Di-n-octyl phthalate	21.86	149	1515574	21.448 ng/ul	100
87) Benzo(b)fluoranthene	22.55	252	1231109	19.709 ng/ul	97
88) Benzo(k)fluoranthene	22.59	252	1276168	20.778 ng/ul	97
90) Benzo(a)pyrene	23.09	252	1168013	20.832 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.24	276	1347867	19.837 ng/ul	99
92) Dibenzo(a,h)anthracene	25.26	278	1179338	20.572 ng/ul	97
93) Benzo(g,h,i)perylene	25.87	276	990388	17.523 ng/ul	98

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