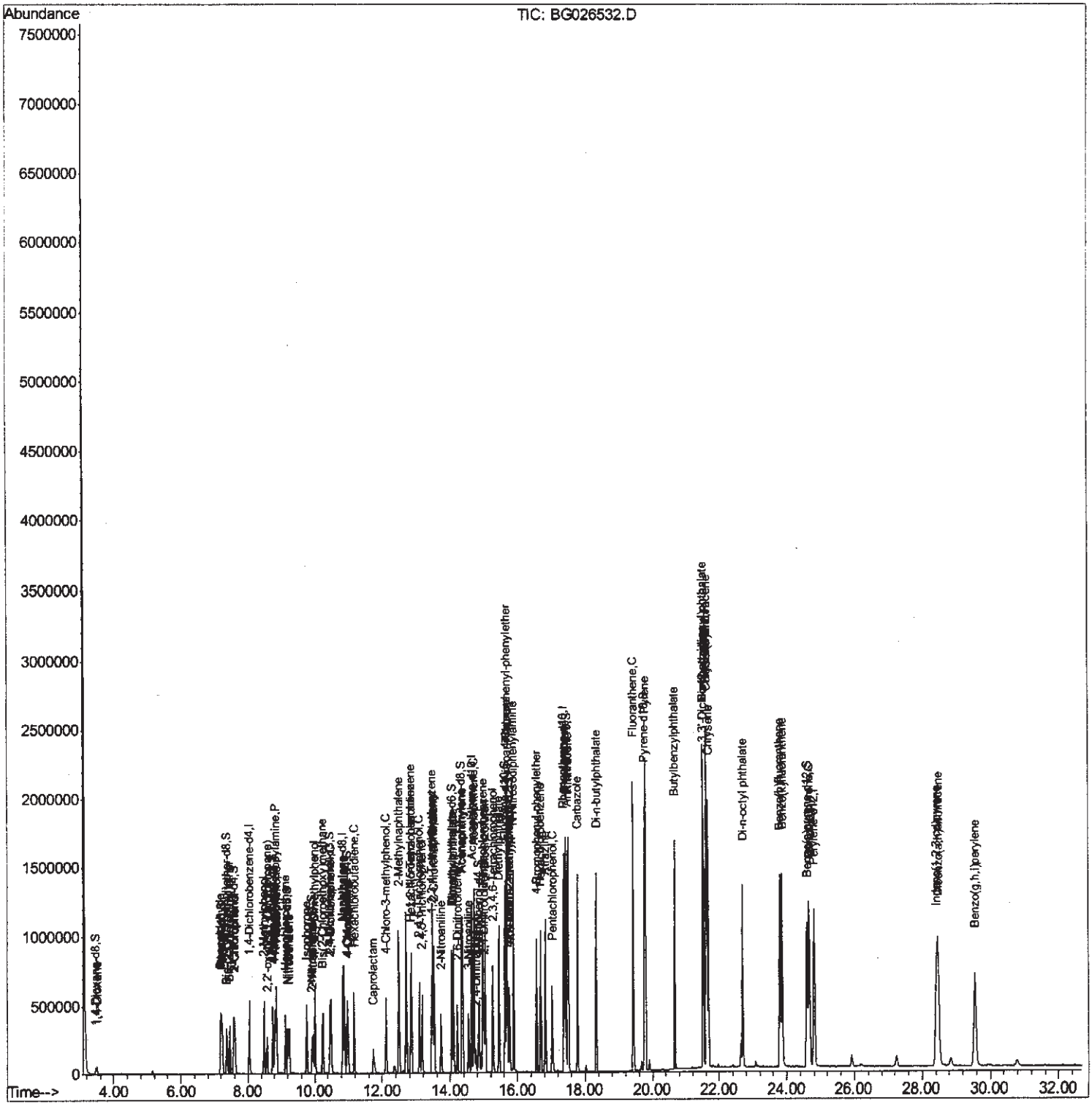
Data Path : Z:\HPCHEM1\BNA G\DATA\BG033117\
Data File : BG026532.D
Acq On : 1 Apr 2017 1:07
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 01 01:47:38 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG032717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 01 00:55:45 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02022

Manual Integrations APPROVED
mohammad
4/3/2017 11:14:41 AM



Quantitation Report (Qedit)

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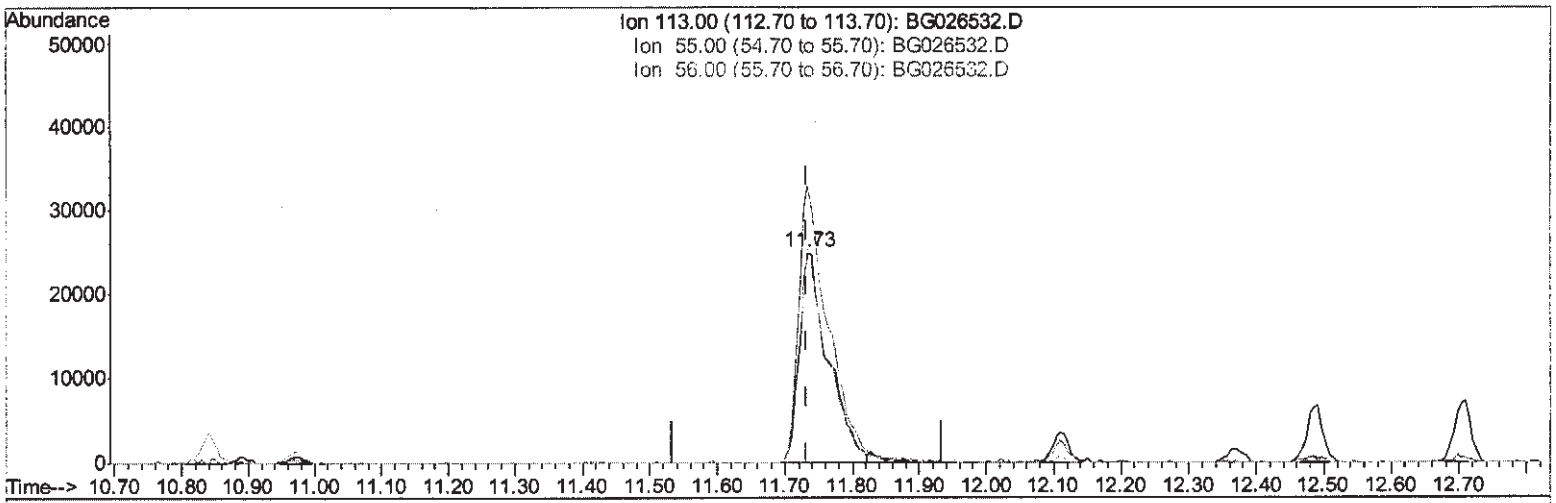

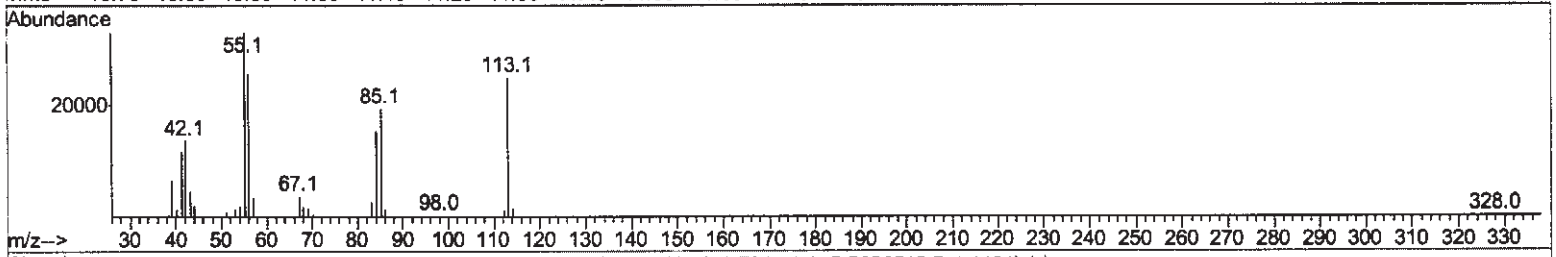

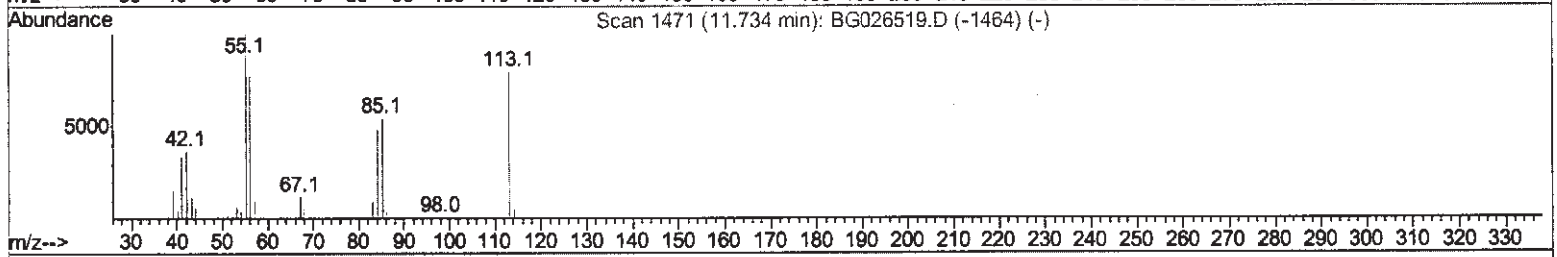

TIC: BG026532.D

(32) Caprolactam

11.734min (+0.000) 18.72ng/ul

response 74655

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	132.51
56.00	101.50	102.44
0.00	0.00	0.00

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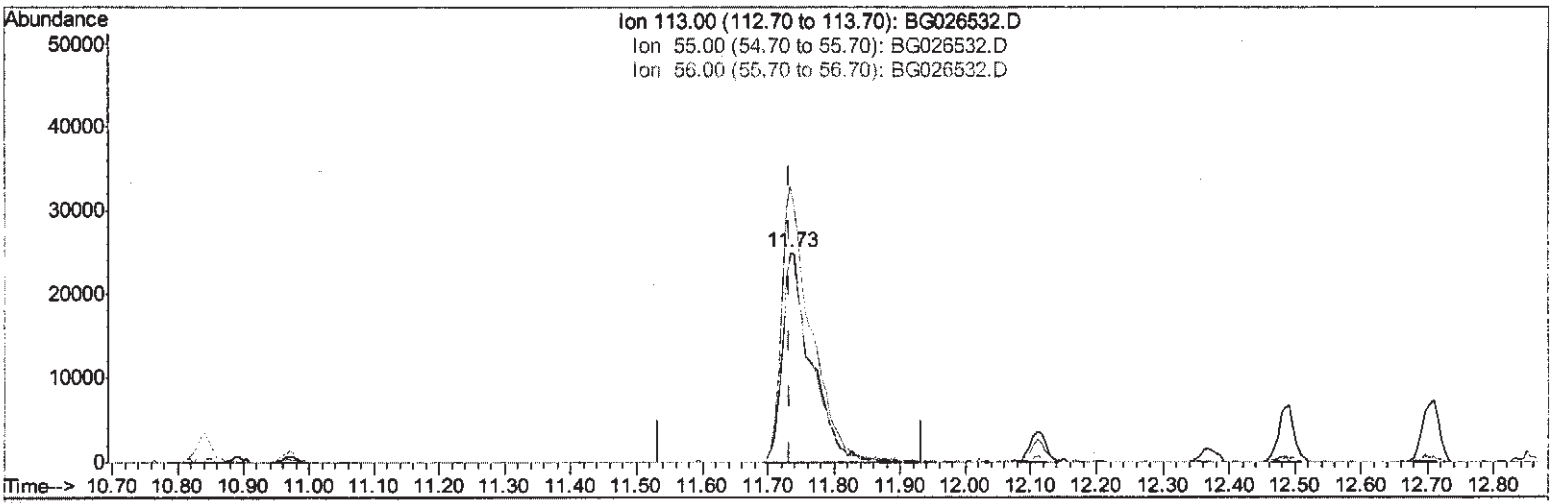

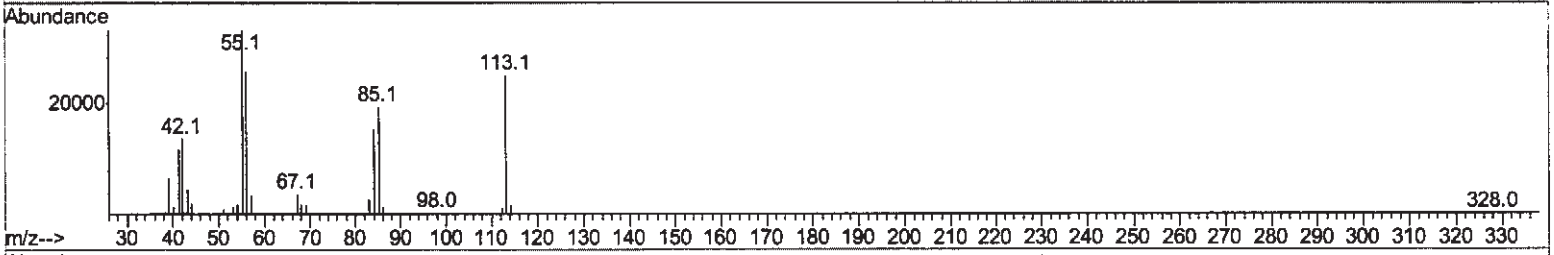

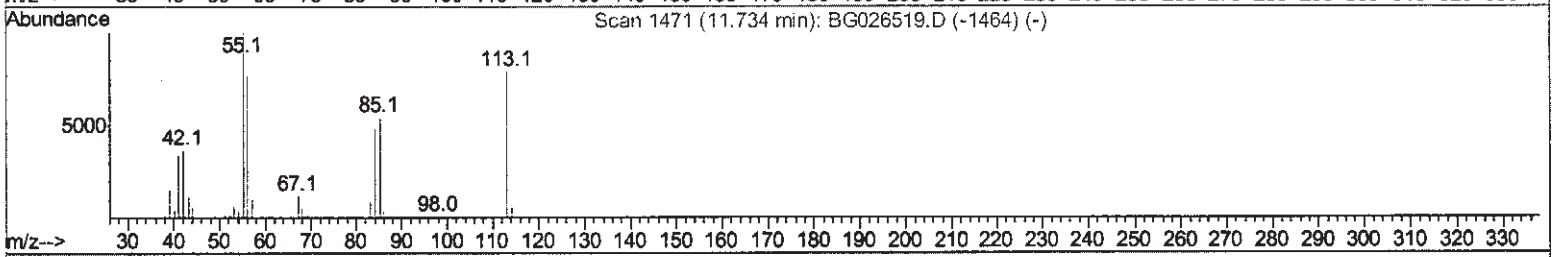

TIC: BG026532.D

(32) Caprolactam

11.734min (+0.000) 19.10ng/ul m SJ 4/3/17

response 76163

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	132.51
56.00	101.50	102.44
0.00	0.00	0.00

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LabSampleId : SSTD02022

Manual Integrations APPROVED
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4/3/2017 11:14:41 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	182231	20.00	ng/ul	0.00
18) Naphthalene-d8	10.84	136	744012	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.65	164	433503	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.38	188	1016794	20.00	ng/ul	0.00
77) Chrysene-d12	21.63	240	1177328	20.00	ng/ul	0.00
85) Perylene-d12	24.81	264	1164815	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	30481	8.00	ng/uL	0.00
5) Phenol-d5	7.20	99	276284	20.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	152257	20.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	246897	20.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	221730	20.51	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	114030	21.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	135562	21.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	240780	21.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.97	131	299108	26.27	ng/ul	0.00
43) Dimethylphthalate-d6	14.05	166	700625	20.87	ng/ul	0.00
46) Acenaphthylene-d8	14.34	160	873544	20.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	128991	19.75	ng/ul	0.00
57) Fluorene-d10	15.63	176	627910	20.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.75	200	133408	20.40	ng/ul	0.00
70) Anthracene-d10	17.48	188	972240	21.06	ng/ul	0.00
78) Pyrene-d10	19.75	212	1082880	20.62	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.59	264	1054877	21.08	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	32518	7.99	ng/uL#	87
4) Benzaldehyde	7.18	77	159803	21.32	ng/ul	91
6) Phenol	7.23	94	288659	20.60	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.46	93	221456	20.71	ng/ul	95
10) 2-Chlorophenol	7.61	128	239210	20.55	ng/ul	97
11) 2-Methylphenol	8.48	108	223570	20.40	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.57	45	208459	20.67	ng/ul	99
14) Acetophenone	8.86	105	333273	20.53	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.84	70	150369	19.95	ng/ul#	95
16) 4-Methylphenol	8.81	108	239940	20.23	ng/ul	98
17) Hexachloroethane	9.12	117	88009	20.42	ng/ul	89
20) Nitrobenzene	9.24	77	219689	20.80	ng/ul	90
21) Isophorone	9.76	82	418276	20.79	ng/ul	94
23) 2-Nitrophenol	9.95	139	139114	21.22	ng/ul#	88
24) 2,4-Dimethylphenol	10.01	107	245448	20.85	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.24	93	286472	20.61	ng/ul	98
27) 2,4-Dichlorophenol	10.49	162	242573	21.47	ng/ul	95
28) Naphthalene	10.89	128	750541	21.02	ng/ul	98
30) 4-Chloroaniline	10.99	127	273096	25.15	ng/ul	97
31) Hexachlorobutadiene	11.18	225	152646	21.24	ng/ul	99
32) Caprolactam	11.73	113	76163m	19.10	ng/ul	
33) 4-Chloro-3-methylphenol	12.11	107	225285	20.60	ng/ul	86
34) 2-Methylnaphthalene	12.49	142	582357	21.09	ng/ul	96

SJ 4/3/17

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Manual Integrations APPROVED
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4/3/2017 11:14:41 AM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.86	216	292000	21.39 ng/ul#	96
37) Hexachlorocyclopentadiene	12.84	237	129963	19.06 ng/ul	100
38) 2,4,6-Trichlorophenol	13.09	196	185941	20.54 ng/ul	95
39) 2,4,5-Trichlorophenol	13.17	196	190235	20.41 ng/ul	96
40) 1,1'-Biphenyl	13.48	154	730943	21.02 ng/ul	99
41) 2-Chloronaphthalene	13.53	162	548987	20.91 ng/ul	92
42) 2-Nitroaniline	13.73	65	126359	20.70 ng/ul	93
44) Dimethylphthalate	14.10	163	675589	20.77 ng/ul	99
45) 2,6-Dinitrotoluene	14.22	165	149644	21.32 ng/ul#	84
47) Acenaphthylene	14.37	152	882646	21.19 ng/ul	99
48) 3-Nitroaniline	14.55	138	152429	23.57 ng/ul#	86
49) Acenaphthene	14.71	153	599417	20.74 ng/ul	99
50) 2,4-Dinitrophenol	14.76	184	61737	15.61 ng/ul#	80
52) 4-Nitrophenol	14.85	109	69805	20.14 ng/ul#	66
53) Dibenzofuran	15.04	168	867461	21.11 ng/ul	88
54) 2,4-Dinitrotoluene	15.01	165	217512	21.43 ng/ul#	88
55) 2,3,4,6-Tetrachlorophenol	15.27	232	186677	20.82 ng/ul#	88
56) Diethylphthalate	15.45	149	670610	20.74 ng/ul	95
58) Fluorene	15.69	166	708356	20.73 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.68	204	344008	20.50 ng/ul#	85
60) 4-Nitroaniline	15.70	138	161853	20.07 ng/ul#	71
63) 4,6-Dinitro-2-methylphenol	15.77	198	141302	20.59 ng/ul#	80
64) N-Nitrosodiphenylamine	15.89	169	619296	21.29 ng/ul	98
65) 4-Bromophenyl-phenylether	16.57	248	234371	20.96 ng/ul#	84
66) Hexachlorobenzene	16.69	284	251732	21.00 ng/ul#	87
67) Atrazine	16.83	200	236910	21.03 ng/ul	96
68) Pentachlorophenol	17.03	266	136852	19.18 ng/ul	100
69) Phenanthrene	17.42	178	1121010	21.04 ng/ul	99
71) Anthracene	17.52	178	1158030	21.24 ng/ul	96
72) 1,2,3,4-Tetrachlorobenzene	13.46	216	282735	21.11 ng/uL	99
73) Pentachlorobenzene	14.97	250	320439	21.03 ng/uL	99
74) Carbazole	17.78	167	1069592	22.82 ng/ul	97
75) Di-n-butylphthalate	18.33	149	1176482	21.29 ng/ul#	98
76) Fluoranthene	19.42	202	1339113	23.52 ng/ul	98
79) Pyrene	19.78	202	1371568	20.92 ng/ul	98
80) Butylbenzylphthalate	20.66	149	531719	20.50 ng/ul	92
81) 3,3'-Dichlorobenzidine	21.52	252	478154	23.40 ng/ul	98
82) Benzo(a)anthracene	21.61	228	1346134	21.14 ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.50	149	762677	20.58 ng/ul#	94
84) Chrysene	21.67	228	1235048	20.98 ng/ul	97
86) Di-n-octyl phthalate	22.70	149	1287215	21.48 ng/ul#	96
87) Benzo(b)fluoranthene	23.80	252	1394930	21.11 ng/ul	99
88) Benzo(k)fluoranthene	23.86	252	1331111	21.09 ng/ul	98
90) Benzo(a)pyrene	24.65	252	1348539	21.10 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.43	276	1584291	20.56 ng/ul#	92
92) Dibenzo(a,h)anthracene	28.48	278	1335463	20.76 ng/ul	98
93) Benzo(g,h,i)perylene	29.56	276	1314148	20.50 ng/ul	98

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