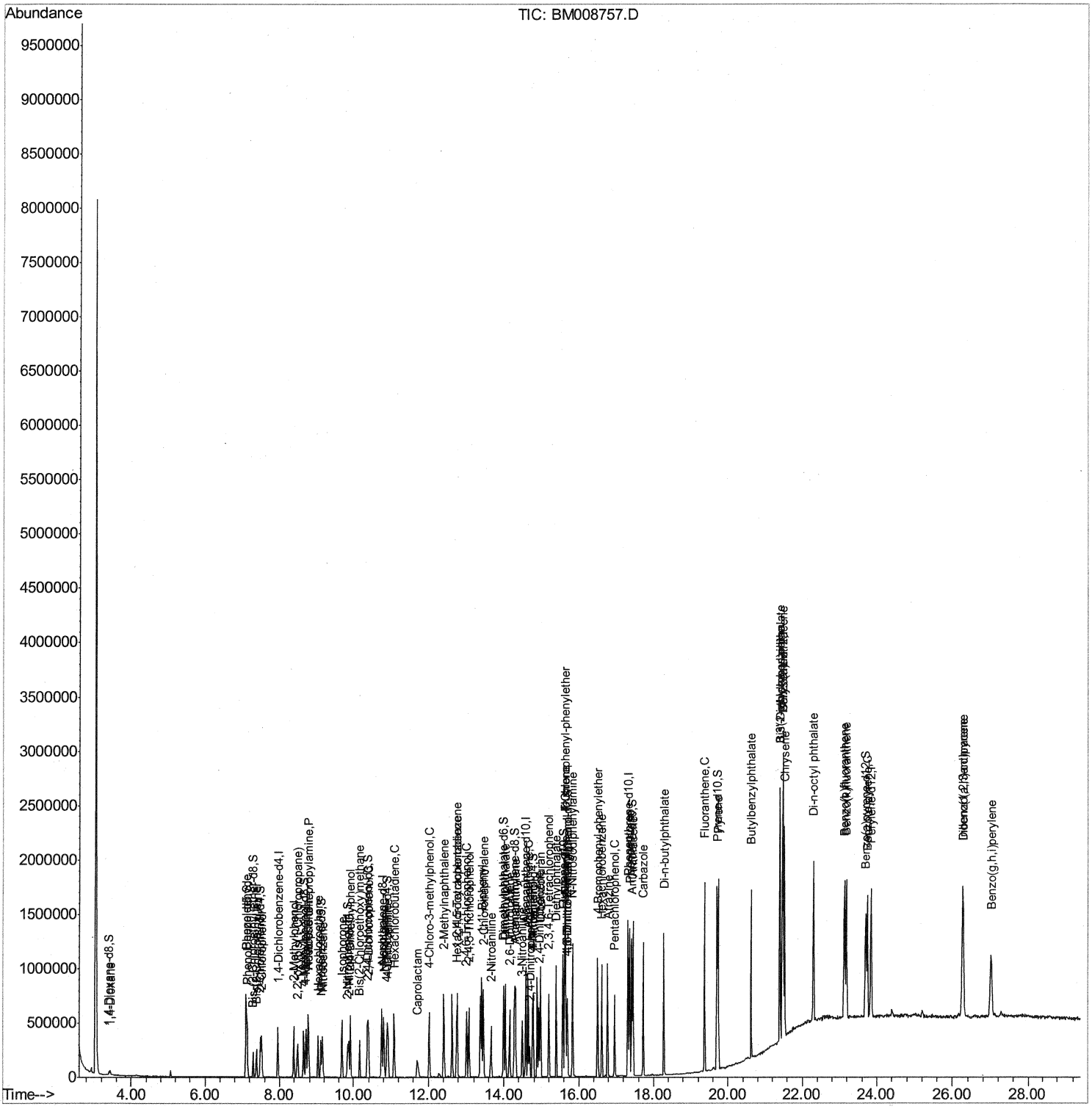
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011017\
Data File : BM008757.D
Acq On : 10 Jan 2017 02:16
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 10 05:38:34 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 10 00:37:03 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02063

Manual Integrations APPROVED
Sohil
1/10/2017 9:58:08 AM



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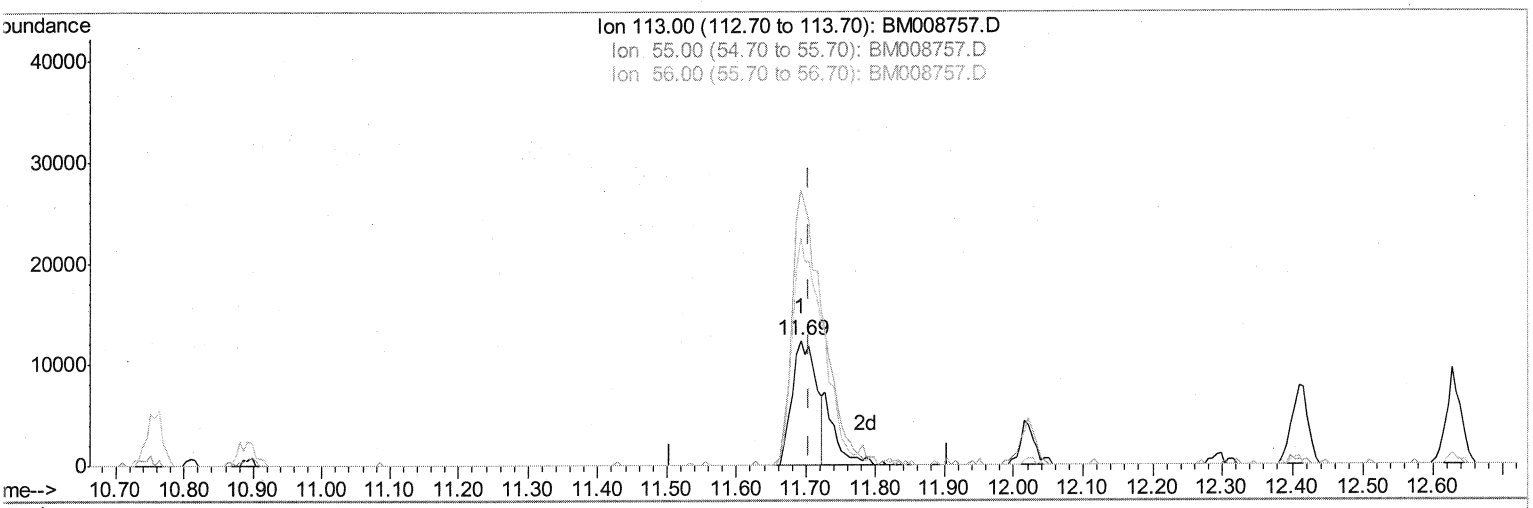

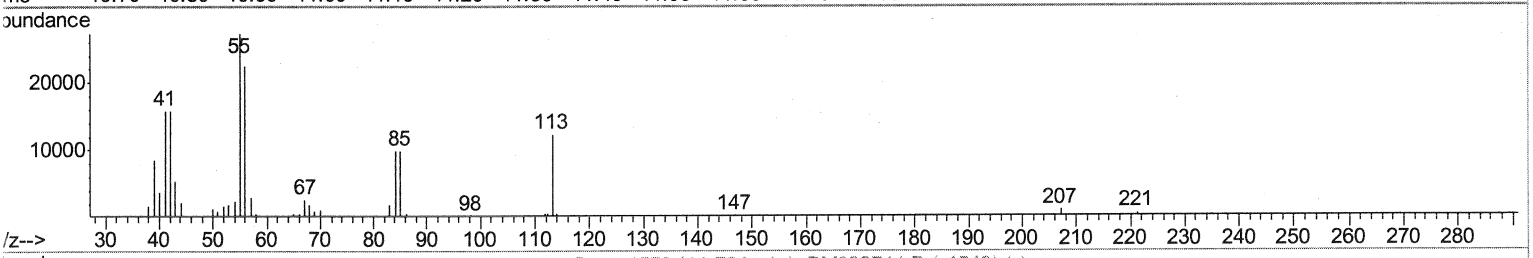

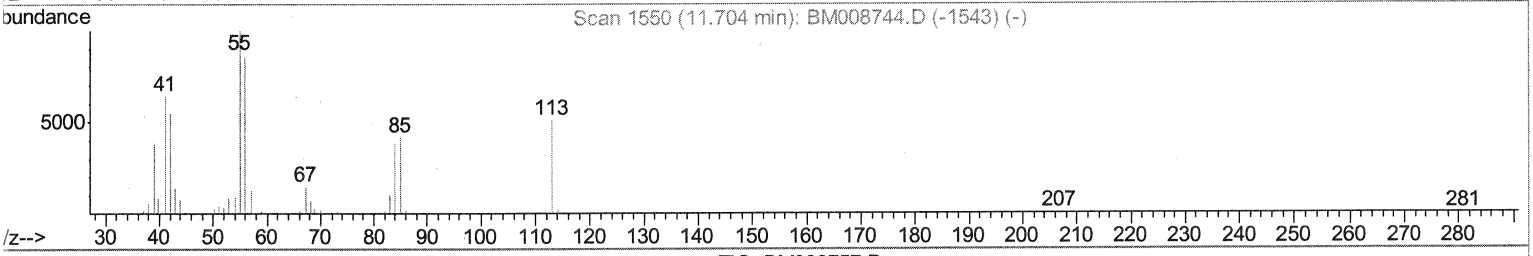

TIC: BM008757.D

(32) Caprolactam

11.692min (-0.012) 15.87ng/ul

response 29641

Ion	Exp%	Act%
113.00	100	100
55.00	146.20	221.49#
56.00	122.10	181.89#
0.00	0.00	0.00

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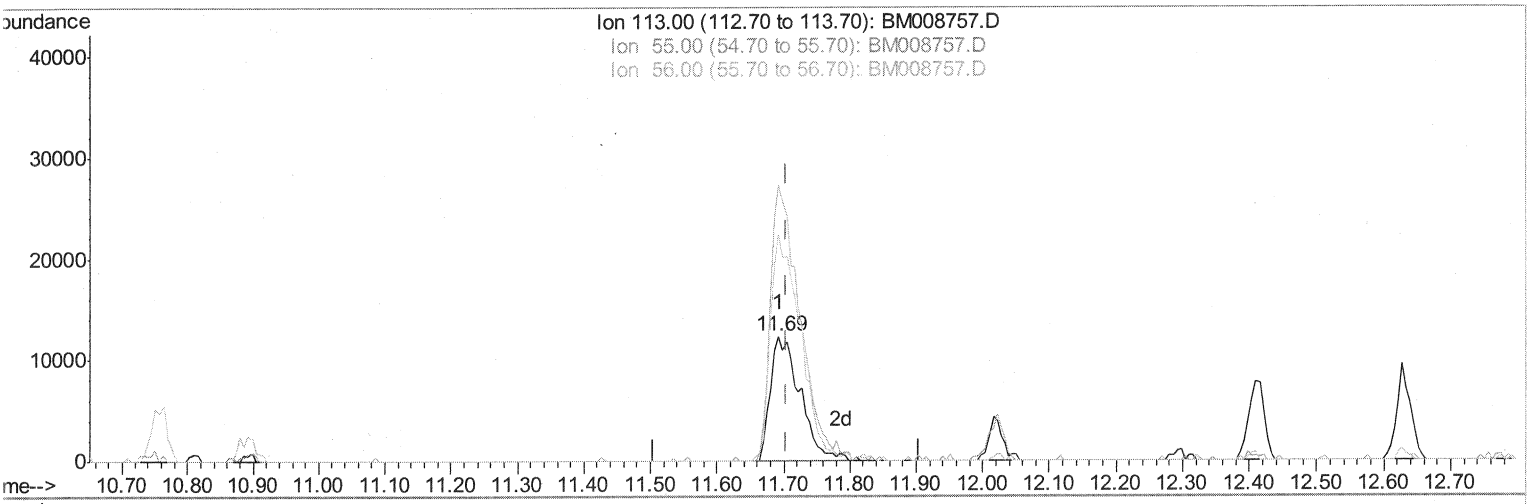

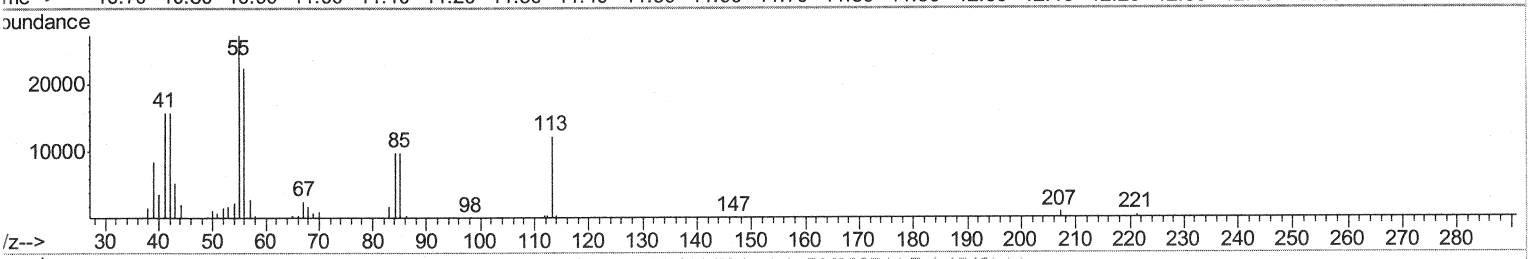

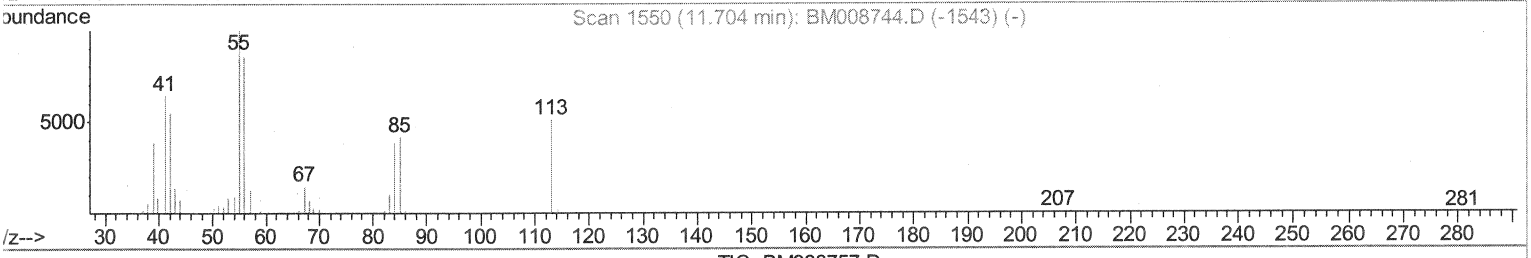

TIC: BM008757.D

(32) Caprolactam

11.692min (-0.012) 20.45ng/ul m SJ 01/16/17

response 38206

Ion	Exp%	Act%
113.00	100	100
55.00	146.20	221.49#
56.00	122.10	181.89#
0.00	0.00	0.00

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Manual Integrations APPROVED
Sohil
1/10/2017 9:58:08 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	90422	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	399137	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.59	164	330149	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.33	188	781806	20.00	ng/ul	0.00
75) Chrysene-d12	21.49	240	983615	20.00	ng/ul	0.00
83) Perylene-d12	23.85	264	890206	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	15000	7.66	ng/uL	0.00
5) Phenol-d5	7.10	99	151745	20.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	105358	20.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.48	132	107760	20.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	112759	19.57	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	48800	19.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	56707	21.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	123983	20.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	143479	21.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.99	166	423903	19.46	ng/ul	0.00
46) Acenaphthylene-d8	14.28	160	504336	19.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	64284	18.04	ng/ul	0.00
57) Fluorene-d10	15.57	176	402399	20.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	80309	19.93	ng/ul	0.00
70) Anthracene-d10	17.42	188	665539	19.76	ng/ul	0.00
76) Pyrene-d10	19.71	212	800047	18.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.70	264	721777	19.88	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	17606	7.57	ng/uL#	72
4) Benzaldehyde	7.10	77	129150	23.86	ng/ul#	85
6) Phenol	7.13	94	160389	20.09	ng/ul#	70
8) Bis(2-Chloroethyl)ether	7.37	93	114495	19.56	ng/ul#	81
10) 2-Chlorophenol	7.52	128	104638	19.75	ng/ul#	73
11) 2-Methylphenol	8.39	108	116417	19.85	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.49	45	193737	21.39	ng/ul	95
14) Acetophenone	8.78	105	210189	20.76	ng/ul#	81
15) N-Nitroso-di-n-propylamine	8.76	70	124566	21.68	ng/ul#	80
16) 4-Methylphenol	8.71	108	127939	20.20	ng/ul	99
17) Hexachloroethane	9.03	117	54665	19.46	ng/ul	97
20) Nitrobenzene	9.16	77	183668	21.00	ng/ul#	87
21) Isophorone	9.69	82	314680	20.35	ng/ul#	93
23) 2-Nitrophenol	9.87	139	58751	20.51	ng/ul#	40
24) 2,4-Dimethylphenol	9.92	107	168094	20.72	ng/ul	88
25) Bis(2-Chloroethoxy)methane	10.16	93	166667	20.37	ng/ul	93
27) 2,4-Dichlorophenol	10.39	162	121150	19.85	ng/ul	99
28) Naphthalene	10.81	128	359333	19.70	ng/ul	99
30) 4-Chloroaniline	10.92	127	150274	21.47	ng/ul	97
31) Hexachlorobutadiene	11.08	225	109447	20.00	ng/ul	97
32) Caprolactam	11.69	113	38206m	20.45	ng/ul	
33) 4-Chloro-3-methylphenol	12.02	107	154336	21.05	ng/ul	96
34) 2-Methylnaphthalene	12.41	142	288409	20.40	ng/ul	98

SJ 01/16/17

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.77	216	198746	20.09 ng/ul#	91
37) Hexachlorocyclopentadiene	12.75	237	128243	18.22 ng/ul	98
38) 2,4,6-Trichlorophenol	13.01	196	118563	19.84 ng/ul	97
39) 2,4,5-Trichlorophenol	13.08	196	134237	20.85 ng/ul	97
40) 1,1'-Biphenyl	13.42	154	406613	19.64 ng/ul	97
41) 2-Chloronaphthalene	13.46	162	323073	19.88 ng/ul	96
42) 2-Nitroaniline	13.66	65	129884	22.97 ng/ul#	73
44) Dimethylphthalate	14.04	163	432748	19.87 ng/ul	99
45) 2,6-Dinitrotoluene	14.16	165	81120	21.35 ng/ul#	73
47) Acenaphthylene	14.31	152	495675	19.67 ng/ul	99
48) 3-Nitroaniline	14.49	138	83082	21.58 ng/ul	98
49) Acenaphthene	14.64	153	342431	19.65 ng/ul	95
50) 2,4-Dinitrophenol	14.69	184	47246	17.90 ng/ul#	64
52) 4-Nitrophenol	14.78	109	122666	20.69 ng/ul#	67
53) Dibenzofuran	14.98	168	527166	19.89 ng/ul	93
54) 2,4-Dinitrotoluene	14.94	165	119171	20.70 ng/ul#	91
55) 2,3,4,6-Tetrachlorophenol	15.20	232	125874	20.68 ng/ul#	88
56) Diethylphthalate	15.40	149	451550	19.71 ng/ul	97
58) Fluorene	15.63	166	441986	20.34 ng/ul	94
59) 4-Chlorophenyl-phenylether	15.62	204	254375	20.64 ng/ul	94
60) 4-Nitroaniline	15.64	138	88460	21.02 ng/ul#	45
63) 4,6-Dinitro-2-methylphenol	15.70	198	86874	20.39 ng/ul#	79
64) N-Nitrosodiphenylamine	15.83	169	384492	19.59 ng/ul	99
65) 4-Bromophenyl-phenylether	16.52	248	163467	20.18 ng/ul#	91
66) Hexachlorobenzene	16.62	284	182018	20.08 ng/ul	91
67) Atrazine	16.78	200	165432	18.97 ng/ul	98
68) Pentachlorophenol	16.97	266	111713	19.59 ng/ul	97
69) Phenanthrene	17.37	178	755896	20.09 ng/ul	99
71) Anthracene	17.46	178	775951	20.06 ng/ul	97
72) Carbazole	17.73	167	667041	19.38 ng/ul	97
73) Di-n-butylphthalate	18.28	149	792115	19.58 ng/ul#	97
74) Fluoranthene	19.37	202	971776	20.08 ng/ul#	95
77) Pyrene	19.74	202	998669	18.88 ng/ul#	92
78) Butylbenzylphthalate	20.63	149	358959	18.44 ng/ul	87
79) 3,3'-Dichlorobenzidine	21.40	252	366667	19.56 ng/ul	96
80) Benzo(a)anthracene	21.47	228	1014647	19.46 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.39	149	501617	18.41 ng/ul#	98
82) Chrysene	21.53	228	942527	19.47 ng/ul	97
84) Di-n-octyl phthalate	22.30	149	851713	18.37 ng/ul#	88
85) Benzo(b)fluoranthene	23.13	252	973696	20.51 ng/ul#	96
86) Benzo(k)fluoranthene	23.18	252	904360	19.71 ng/ul#	98
88) Benzo(a)pyrene	23.74	252	889917	19.66 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.27	276	976407	19.02 ng/ul#	92
90) Dibenzo(a,h)anthracene	26.28	278	839946	19.15 ng/ul#	96
91) Benzo(g,h,i)perylene	27.01	276	811429	18.64 ng/ul#	96

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