Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\

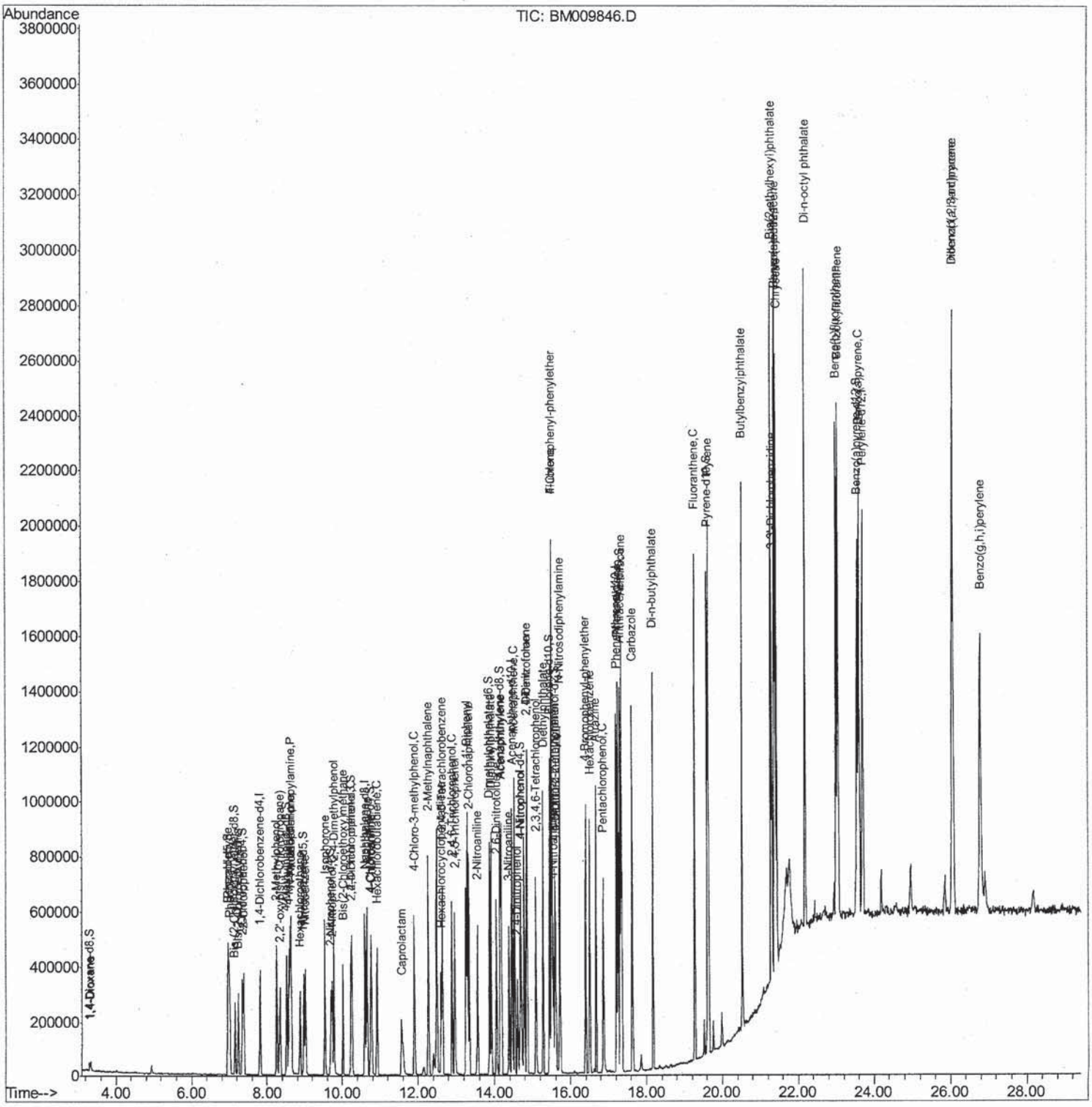
Quantitation Report (QT Reviewed)

Data File : BM009846.D
Acq On : 02 May 2017 00:41
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 02 01:43:34 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 02 00:52:56 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02043

Manual Integrations APPROVED
mohammad
5/4/2017 12:26:22 PM



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Operator : SJ/MA
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Misc :
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Quant Time: May 02 01:42:39 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 02 00:52:56 2017
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LabSampleId :
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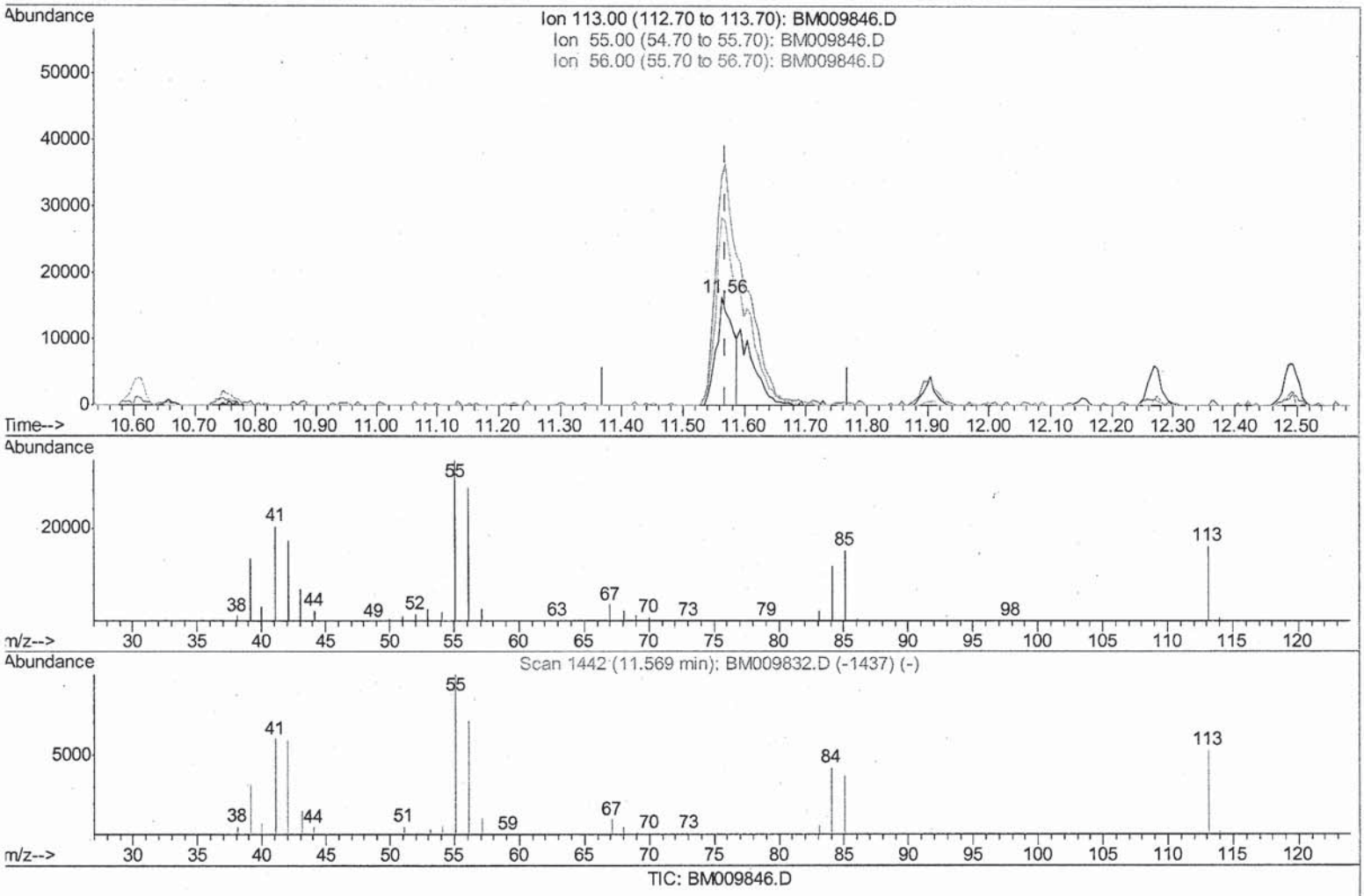

TIC: BM009846.D

(32) Caprolactam

11.563min (-0.006) 11.82ng/ul

response 30735

Ion	Exp%	Act%
113.00	100	100
55.00	236.60	211.77
56.00	207.20	175.20
0.00	0.00	0.00

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mohammad
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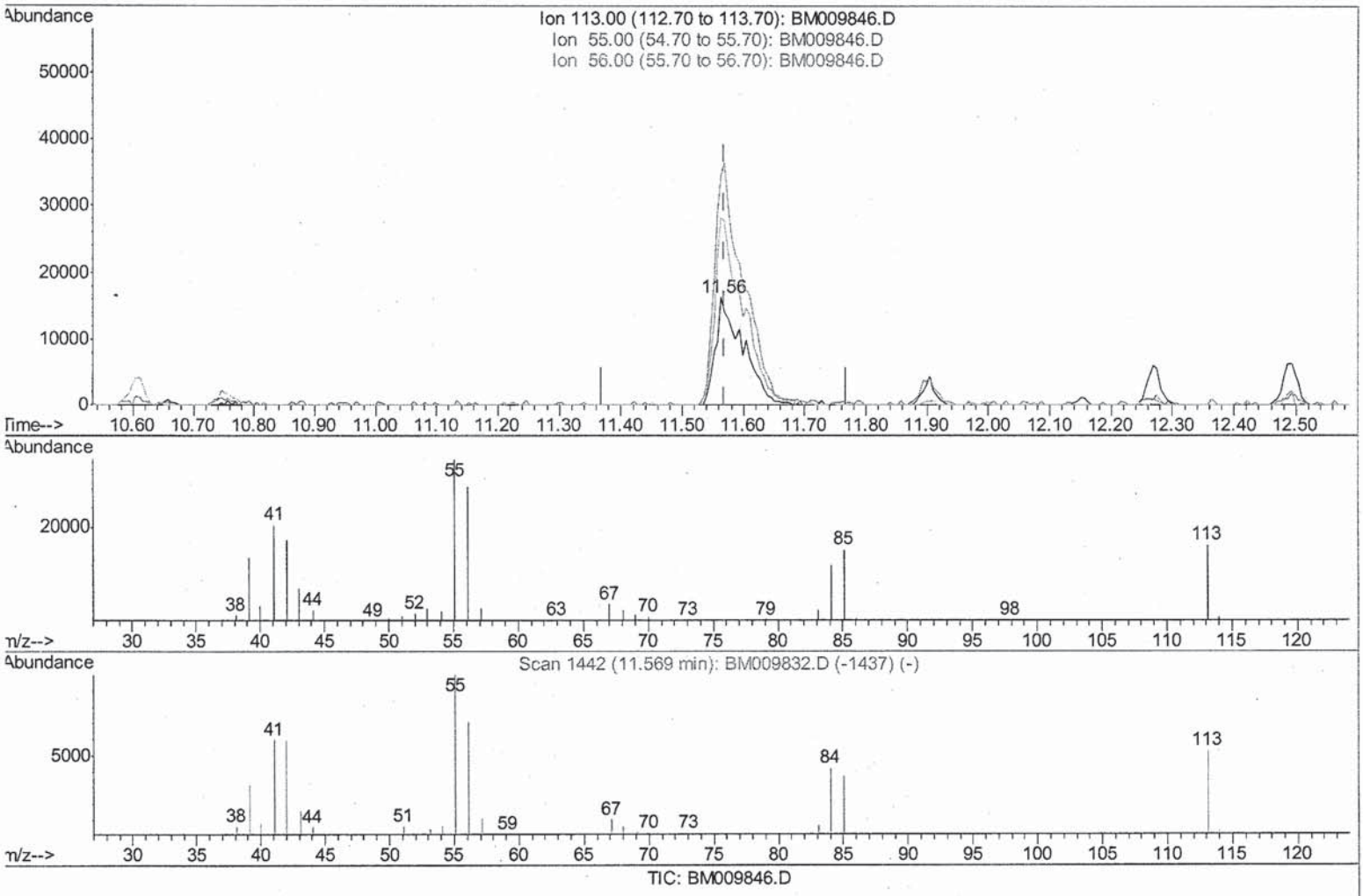

TIC: BM009846.D

(32) Caprolactam

11.563min (-0.006) 19.52ng/ul m SJ 5/6/17

response 50761

Ion	Exp%	Act%
113.00	100	100
55.00	236.60	211.77
56.00	207.20	175.20
0.00	0.00	0.00

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Manual Integrations APPROVED
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5/4/2017 12:26:22 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	84718	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	407903	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	282470	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	704930	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	997539	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	1024556	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	12769	6.94	ng/uL	0.00
5) Phenol-d5	6.98	99	179011	19.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	124632	19.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	122765	20.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	147242	20.52	ng/ul	-0.01
19) Nitrobenzene-d5	8.98	128	63071	19.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	73278	20.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	138928	19.89	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.76	131	181775	21.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	484967	19.74	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	566510	19.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	85894	18.12	ng/ul	-0.01
57) Fluorene-d10	15.46	176	422038	19.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	83787	16.85	ng/ul	0.00
70) Anthracene-d10	17.31	188	702295	19.40	ng/ul	0.00
76) Pyrene-d10	19.61	212	854042	19.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	981746	19.70	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	12982	5.72	ng/uL#	84
4) Benzaldehyde	6.96	77	109940	18.34	ng/ul#	79
6) Phenol	7.01	94	192172	20.20	ng/ul#	65
8) Bis(2-Chloroethyl)ether	7.24	93	142594	19.96	ng/ul#	80
10) 2-Chlorophenol	7.38	128	124665	20.79	ng/ul#	80
11) 2-Methylphenol	8.26	108	132086	19.29	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.34	45	234912	19.69	ng/ul	96
14) Acetophenone	8.64	105	231928	19.65	ng/ul#	75
15) N-Nitroso-di-n-propylamine	8.62	70	146634	20.01	ng/ul#	85
16) 4-Methylphenol	8.58	108	153663	20.28	ng/ul	98
17) Hexachloroethane	8.88	117	55032	19.77	ng/ul	91
20) Nitrobenzene	9.02	77	204310	18.95	ng/ul#	88
21) Isophorone	9.54	82	375756	19.68	ng/ul#	94
23) 2-Nitrophenol	9.73	139	75611	19.87	ng/ul#	54
24) 2,4-Dimethylphenol	9.78	107	181497	19.19	ng/ul#	85
25) Bis(2-Chloroethoxy)methane	10.02	93	210138	18.99	ng/ul	96
27) 2,4-Dichlorophenol	10.26	162	135132	19.63	ng/ul	94
28) Naphthalene	10.66	128	422364	19.44	ng/ul	97
30) 4-Chloroaniline	10.78	127	185483	22.07	ng/ul	100
31) Hexachlorobutadiene	10.92	225	90308	18.78	ng/ul	97
32) Caprolactam	11.56	113	50761m	19.52	ng/ul	
33) 4-Chloro-3-methylphenol	11.90	107	177679	20.71	ng/ul	88
34) 2-Methylnaphthalene	12.27	142	318816	19.08	ng/ul	98

SJ 5/6/17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.64	216	185853	19.40	ng/ul	96
37) Hexachlorocyclopentadiene	12.60	237	88655	17.33	ng/ul	99
38) 2,4,6-Trichlorophenol	12.89	196	127111	19.54	ng/ul	95
39) 2,4,5-Trichlorophenol	12.96	196	135250	20.16	ng/ul	91
40) 1,1'-Biphenyl	13.29	154	440559	18.96	ng/ul	96
41) 2-Chloronaphthalene	13.33	162	341978	19.14	ng/ul	99
42) 2-Nitroaniline	13.55	65	151901	19.95	ng/ul#	82
44) Dimethylphthalate	13.92	163	469393	19.31	ng/ul	98
45) 2,6-Dinitrotoluene	14.05	165	92226	18.90	ng/ul#	76
47) Acenaphthylene	14.18	152	562009	19.23	ng/ul	100
48) 3-Nitroaniline	14.38	138	98127	20.35	ng/ul#	74
49) Acenaphthene	14.52	153	383161	19.28	ng/ul	96
50) 2,4-Dinitrophenol	14.60	184	56614	17.39	ng/ul#	81
52) 4-Nitrophenol	14.70	109	98342	18.10	ng/ul#	78
53) Dibenzofuran	14.86	168	560768	19.27	ng/ul	92
54) 2,4-Dinitrotoluene	14.85	165	146529	19.92	ng/ul#	75
55) 2,3,4,6-Tetrachlorophenol	15.09	232	126981	19.52	ng/ul#	97
56) Diethylphthalate	15.27	149	499323	18.84	ng/ul	98
58) Fluorene	15.51	166	480384	19.34	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.50	204	238600	18.54	ng/ul	94
60) 4-Nitroaniline	15.55	138	103229	18.35	ng/ul#	30
63) 4,6-Dinitro-2-methylphenol	15.61	198	83649	16.30	ng/ul#	86
64) N-Nitrosodiphenylamine	15.72	169	416204	19.24	ng/ul	98
65) 4-Bromophenyl-phenylether	16.40	248	152008	18.88	ng/ul#	86
66) Hexachlorobenzene	16.51	284	173070	19.64	ng/ul	96
67) Atrazine	16.67	200	166215	19.15	ng/ul	96
68) Pentachlorophenol	16.86	266	114008	21.00	ng/ul	91
69) Phenanthrene	17.25	178	780312	19.26	ng/ul	98
71) Anthracene	17.35	178	823158	19.42	ng/ul	97
72) Carbazole	17.62	167	745801	19.55	ng/ul	99
73) Di-n-butylphthalate	18.16	149	888898	19.13	ng/ul	98
74) Fluoranthene	19.27	202	1010099	19.77	ng/ul#	91
77) Pyrene	19.63	202	1068409	18.96	ng/ul#	88
78) Butylbenzylphthalate	20.52	149	467307	20.00	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.32	252	370781	20.10	ng/ul	98
80) Benzo(a)anthracene	21.38	228	1152743	19.49	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.29	149	706150	19.95	ng/ul	99
82) Chrysene	21.43	228	1031074	19.36	ng/ul	99
84) Di-n-octyl phthalate	22.18	149	1255725	16.78	ng/ul	95
85) Benzo(b)fluoranthene	23.01	252	1206198	18.13	ng/ul#	97
86) Benzo(k)fluoranthene	23.05	252	1198075	19.66	ng/ul#	97
88) Benzo(a)pyrene	23.61	252	1201927	19.42	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.07	276	1507362	22.49	ng/ul#	91
90) Dibenzo(a,h)anthracene	26.07	278	1271739	22.28	ng/ul#	96
91) Benzo(g,h,i)perylene	26.79	276	1266867	23.52	ng/ul#	94

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