Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM062216\
Data File : BM005909.D
Acq On : 22 Jun 2016 17:10
Operator : UM/SJ
Sample : SSTD01044
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 23 01:26:43 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 23 01:14:46 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD01044

Manual Integrations APPROVED
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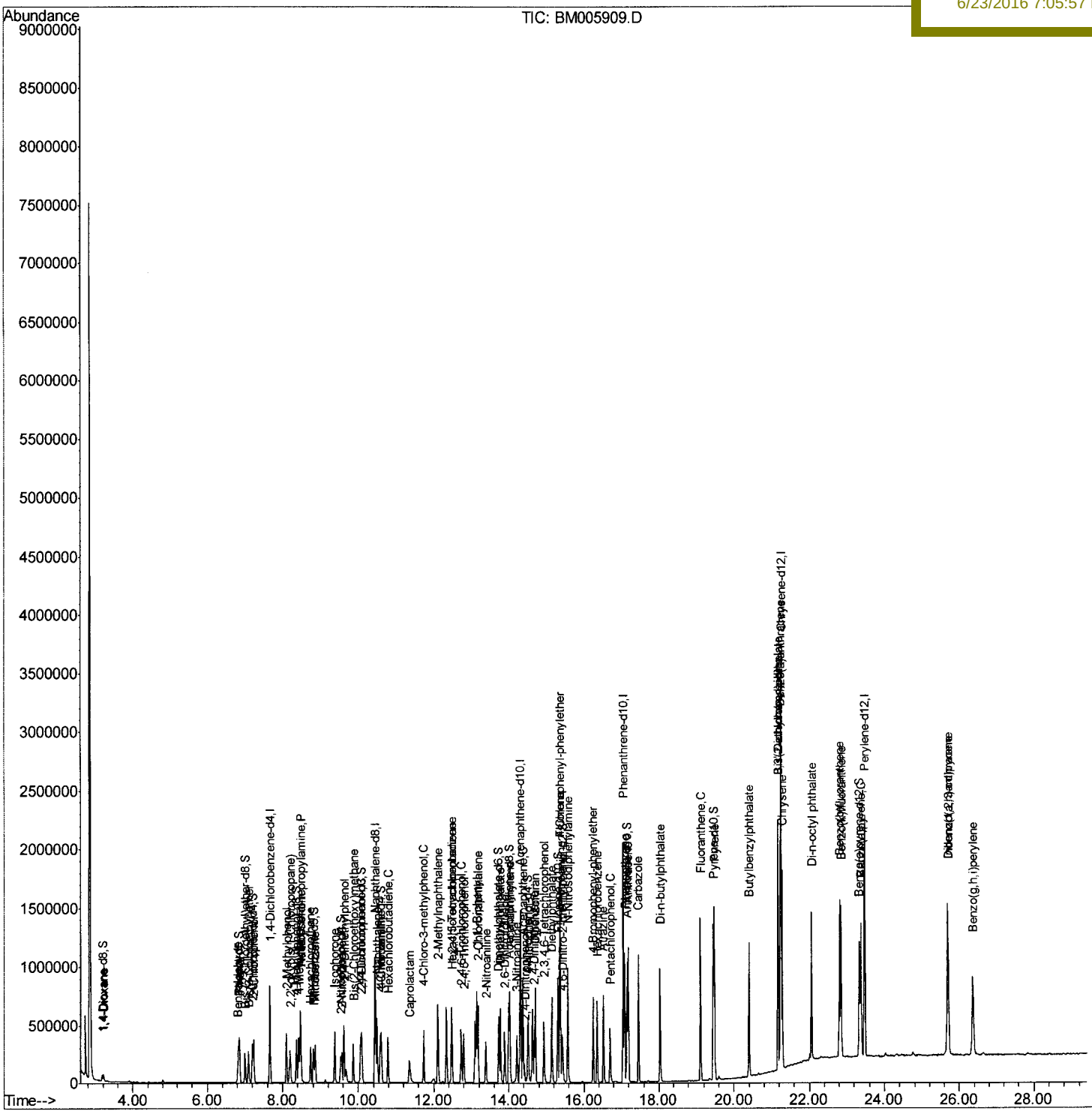

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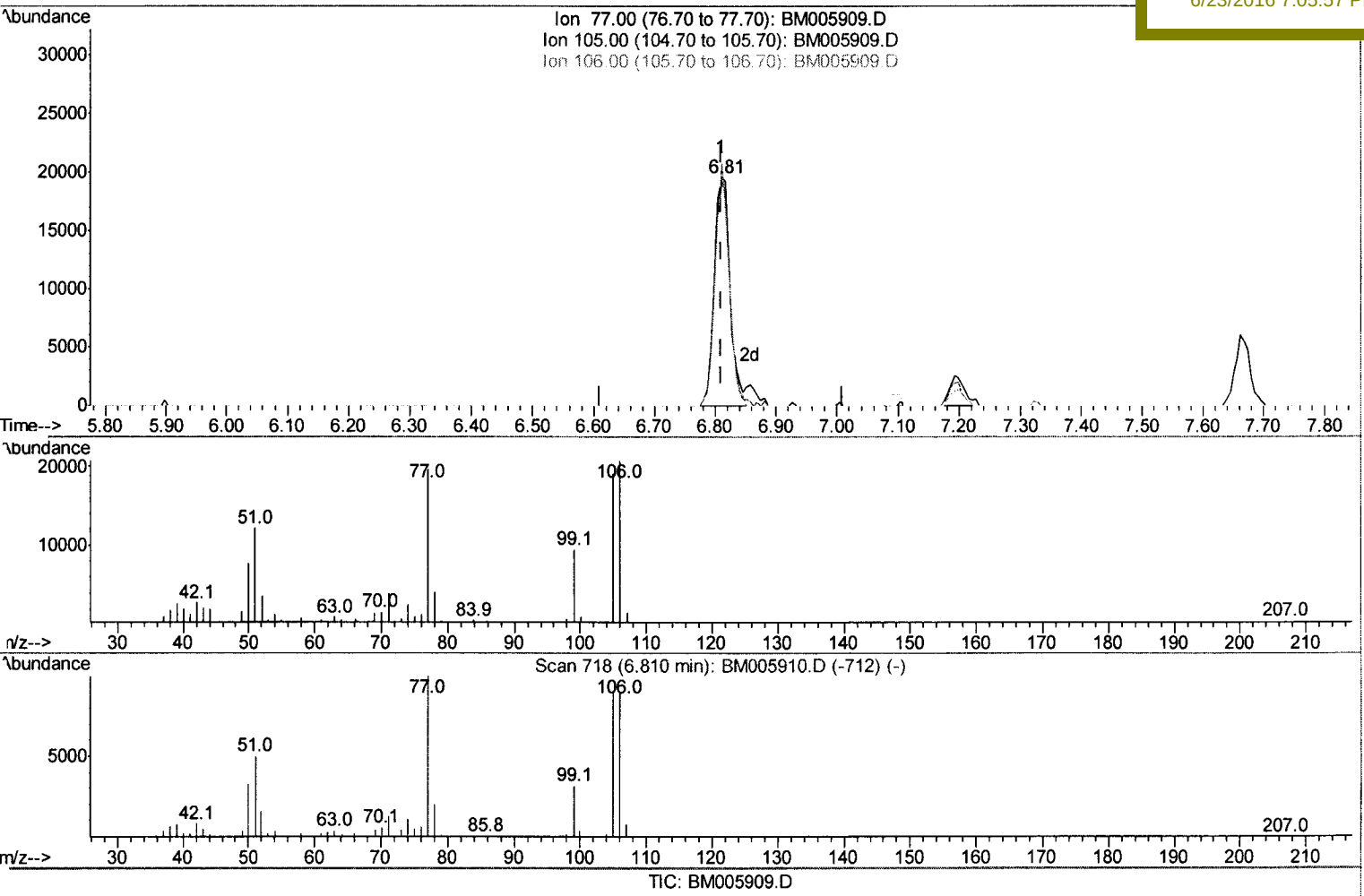

TIC: BM005909.D

(4) Benzaldehyde

6.810min (-0.000) 12.37ng/ul m U.M 06/28/16

response 37359

Ion	Exp%	Act%
77.00	100	100
105.00	90.10	97.75
106.00	90.30	105.97
0.00	0.00	0.00

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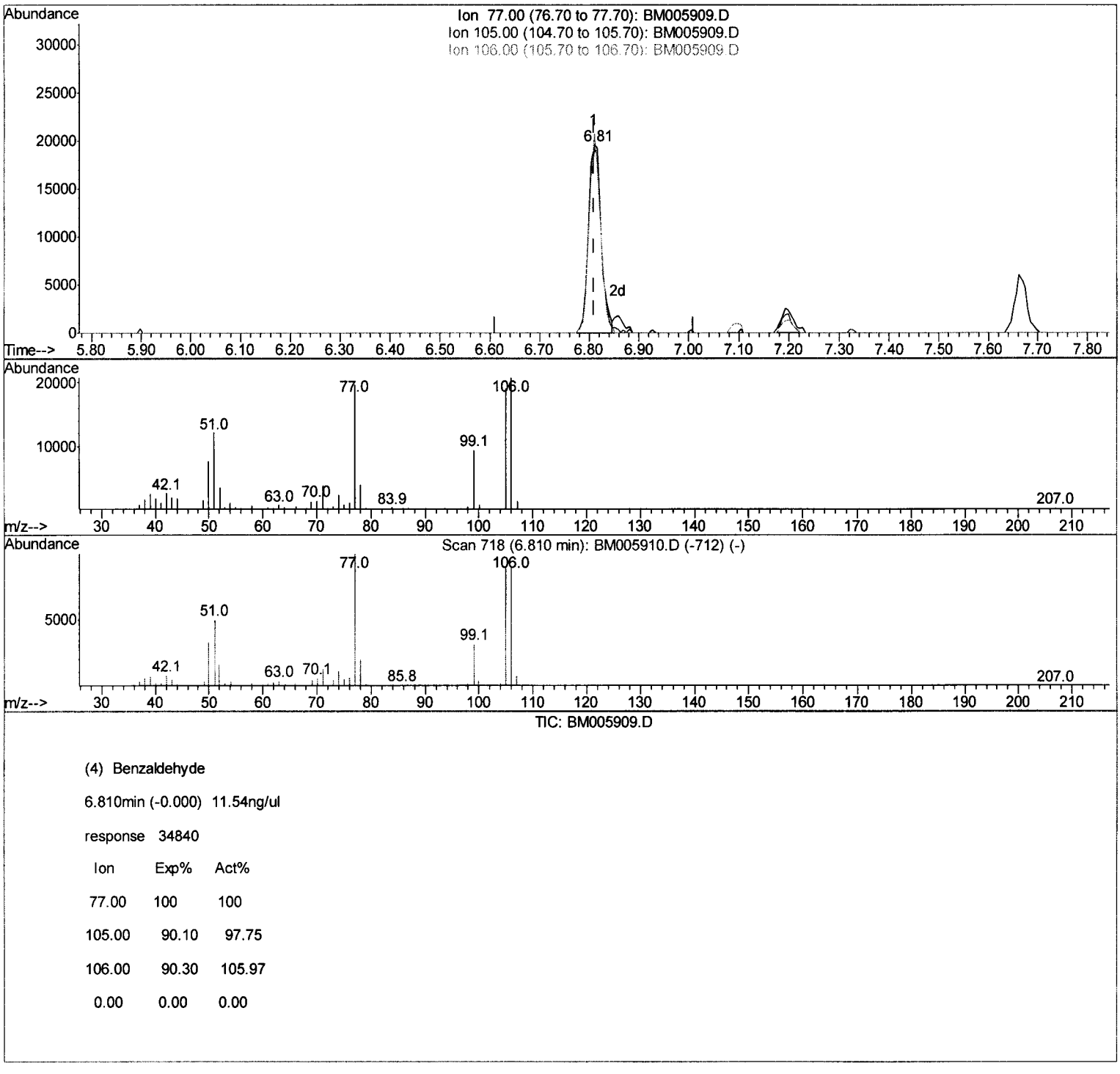

TIC: BM005909.D

(4) Benzaldehyde

6.810min (-0.000) 11.54ng/ul

response 34840

Ion	Exp%	Act%
77.00	100	100
105.00	90.10	97.75
106.00	90.30	105.97
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	209448	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	889902	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	496681	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1186644	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1422829	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	1466085	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	22068	4.21	ng/uL	0.00
5) Phenol-d5	6.83	99	178367	8.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	116705	9.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	141259	8.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	137340	7.52	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	64157	9.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	65720	10.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	129176	8.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	168473	11.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	408673	9.03	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	508404	9.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	76455	9.54	ng/ul	0.00
57) Fluorene-d10	15.30	176	357064	9.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	51757	10.08	ng/ul	0.00
70) Anthracene-d10	17.16	188	571892	9.84	ng/ul	0.00
76) Pyrene-d10	19.46	212	655067	8.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	672719	9.28	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	23154	2.74	ng/uL	94
4) Benzaldehyde	6.81	77	37359m	12.37	ng/ul	
6) Phenol	6.86	94	199818	8.86	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.10	93	148972	8.80	ng/ul	100
10) 2-Chlorophenol	7.23	128	147672	8.80	ng/ul	97
11) 2-Methylphenol	8.10	108	141873	8.11	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.20	45	216765	8.73	ng/ul	99
14) Acetophenone	8.48	105	229070	8.49	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.47	70	115624	7.49	ng/ul	98
16) 4-Methylphenol	8.43	108	154145	7.99	ng/ul	98
17) Hexachloroethane	8.73	117	59547	9.33	ng/ul	94
20) Nitrobenzene	8.86	77	174324	10.34	ng/ul	100
21) Isophorone	9.37	82	307706	8.21	ng/ul	99
23) 2-Nitrophenol	9.56	139	74027	10.12	ng/ul	98
24) 2,4-Dimethylphenol	9.63	107	170075	9.12	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.87	93	198631	8.93	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	133082	9.08	ng/ul	100
28) Naphthalene	10.50	128	455561	9.57	ng/ul	99
30) 4-Chloroaniline	10.60	127	185754	12.18	ng/ul	98
31) Hexachlorobutadiene	10.79	225	83283	10.21	ng/ul	100
32) Caprolactam	11.35	113	44871	7.23	ng/ul	94
33) 4-Chloro-3-methylphenol	11.73	107	151704	8.12	ng/ul	97
34) 2-Methylnaphthalene	12.12	142	330754	9.04	ng/ul	99

U.M 06/28/16

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	162114	10.23	ng/ul	98
37) Hexachlorocyclopentadiene	12.47	237	89141	10.79	ng/ul	98
38) 2,4,6-Trichlorophenol	12.73	196	105237	9.61	ng/ul	98
39) 2,4,5-Trichlorophenol	12.80	196	109830	9.19	ng/ul	96
40) 1,1'-Biphenyl	13.14	154	426409	9.97	ng/ul	98
41) 2-Chloronaphthalene	13.18	162	330648	10.22	ng/ul	99
42) 2-Nitroaniline	13.39	65	99420	9.86	ng/ul	96
44) Dimethylphthalate	13.77	163	411657	9.27	ng/ul	100
45) 2,6-Dinitrotoluene	13.89	165	73403	9.56	ng/ul	88
47) Acenaphthylene	14.03	152	544693	9.86	ng/ul	99
48) 3-Nitroaniline	14.22	138	88565	9.99	ng/ul#	97
49) Acenaphthene	14.37	153	346906	9.58	ng/ul	98
50) 2,4-Dinitrophenol	14.42	184	32753	10.30	ng/ul	89
52) 4-Nitrophenol	14.52	109	72639	9.90	ng/ul	98
53) Dibenzofuran	14.71	168	504540	9.81	ng/ul	100
54) 2,4-Dinitrotoluene	14.67	165	113611	10.03	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.94	232	101062	9.72	ng/ul	96
56) Diethylphthalate	15.14	149	426946	8.94	ng/ul	100
58) Fluorene	15.36	166	405273	10.01	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.36	204	196611	10.24	ng/ul	96
60) 4-Nitroaniline	15.38	138	100787	10.16	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.44	198	57459	10.27	ng/ul#	97
64) N-Nitrosodiphenylamine	15.57	169	356418	9.51	ng/ul	98
65) 4-Bromophenyl-phenylether	16.26	248	121951	9.37	ng/ul	96
66) Hexachlorobenzene	16.36	284	140421	9.83	ng/ul	96
67) Atrazine	16.53	200	128515	10.02	ng/ul	99
68) Pentachlorophenol	16.71	266	78164	9.79	ng/ul	97
69) Phenanthrene	17.10	178	676765	9.75	ng/ul	99
71) Anthracene	17.19	178	701226	10.02	ng/ul	99
72) Carbazole	17.46	167	653806	10.60	ng/ul	98
73) Di-n-butylphthalate	18.04	149	733583	8.84	ng/ul	100
74) Fluoranthene	19.12	202	818762	11.00	ng/ul	99
77) Pyrene	19.49	202	880504	9.39	ng/ul	99
78) Butylbenzylphthalate	20.40	149	332095	7.69	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.18	252	281544	10.65	ng/ul	99
80) Benzo(a)anthracene	21.24	228	874446	9.61	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.19	149	498238	8.25	ng/ul	100
82) Chrysene	21.29	228	809707	9.48	ng/ul	98
84) Di-n-octyl phthalate	22.06	149	838315	8.36	ng/ul	99
85) Benzo(b)fluoranthene	22.81	252	914056	9.55	ng/ul	99
86) Benzo(k)fluoranthene	22.86	252	848852	9.59	ng/ul	99
88) Benzo(a)pyrene	23.38	252	867950	9.89	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.70	276	958476	10.59	ng/ul	97
90) Dibenzo(a,h)anthracene	25.71	278	803014	10.83	ng/ul	99
91) Benzo(g,h,i)perylene	26.37	276	817002	10.69	ng/ul	100

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