

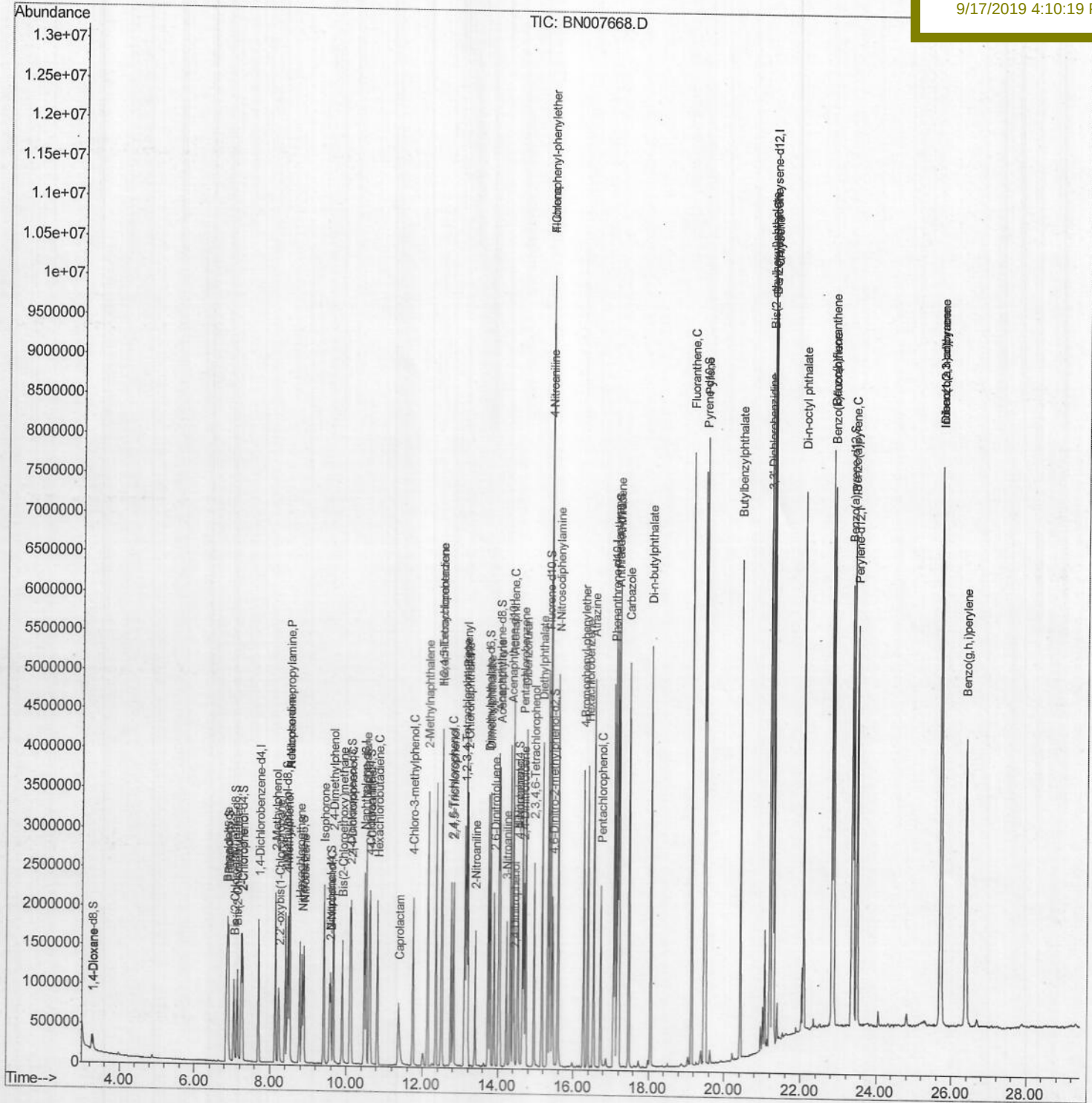
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091619\
Data File : BN007668.D
Acq On : 16 Sep 2019 16:16
Operator : HP/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 16 18:25:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SICV07

Manual Integrations APPROVED

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Acq On : 16 Sep 2019 16:16

Operator : HP/JU

Sample : SSTDICV020

Misc :

ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 16 18:22:42 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Sep 16 18:09:41 2019

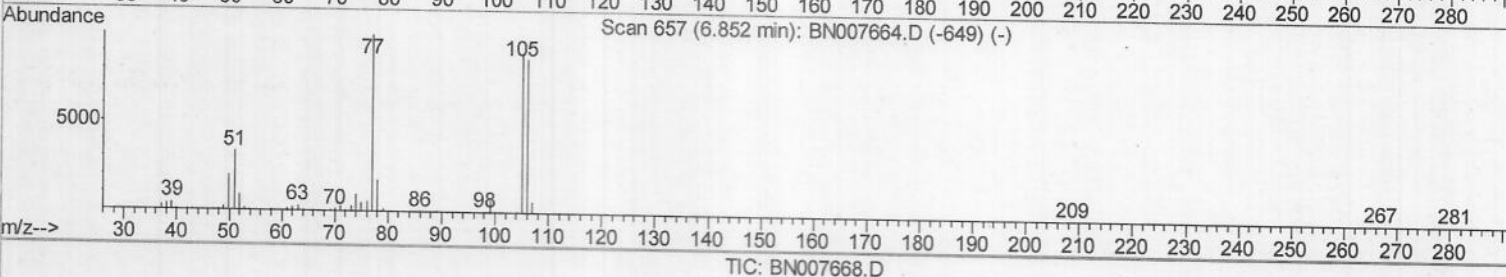
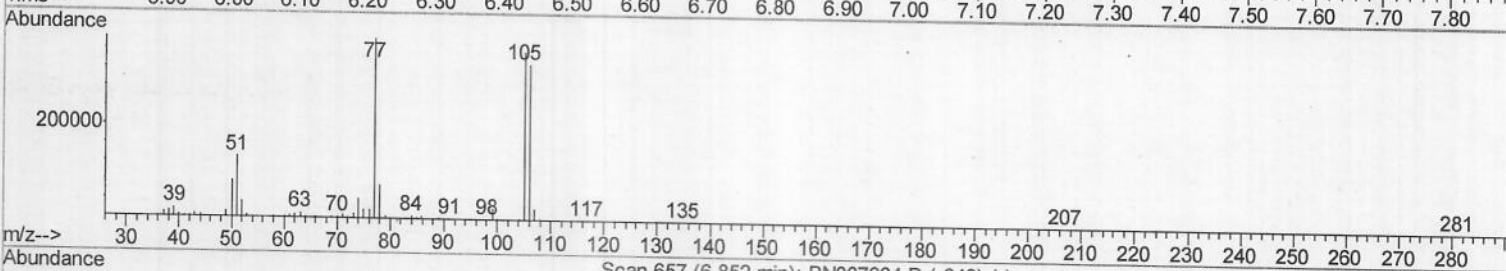
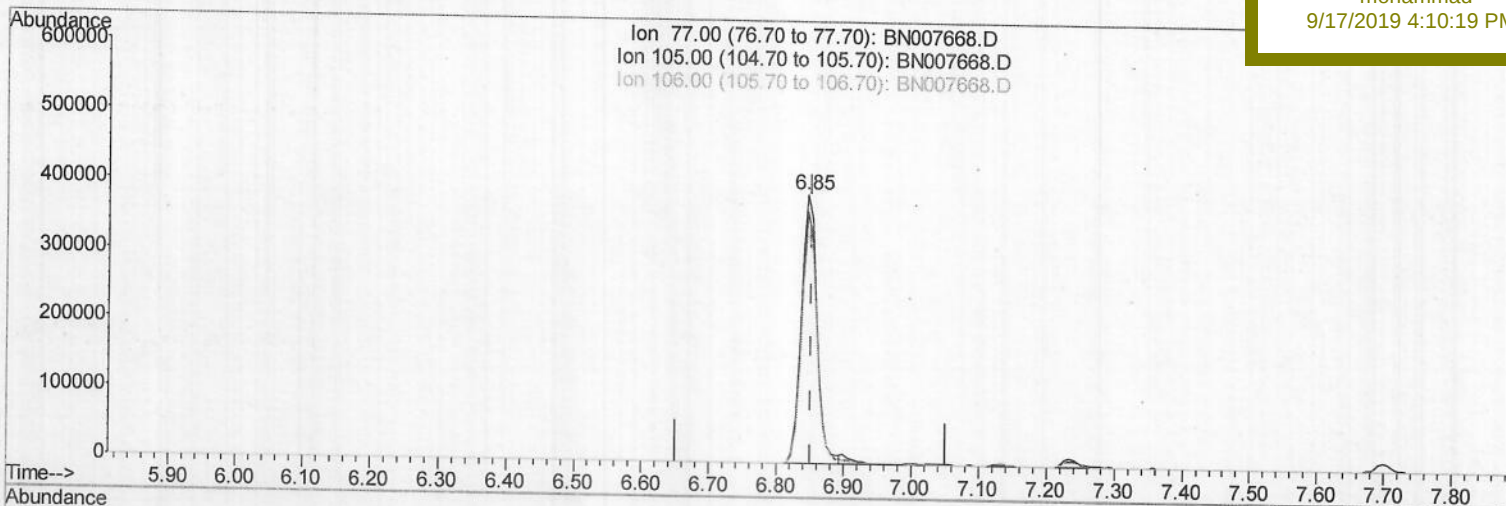
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TIC: BN007668.D

(4) Benzaldehyde

6.846min (-0.006) 24.92ng/ul

response 621560

Ion	Exp%	Act%
77.00	100	100
105.00	90.30	93.50
106.00	87.00	86.13
0.00	0.00	0.00

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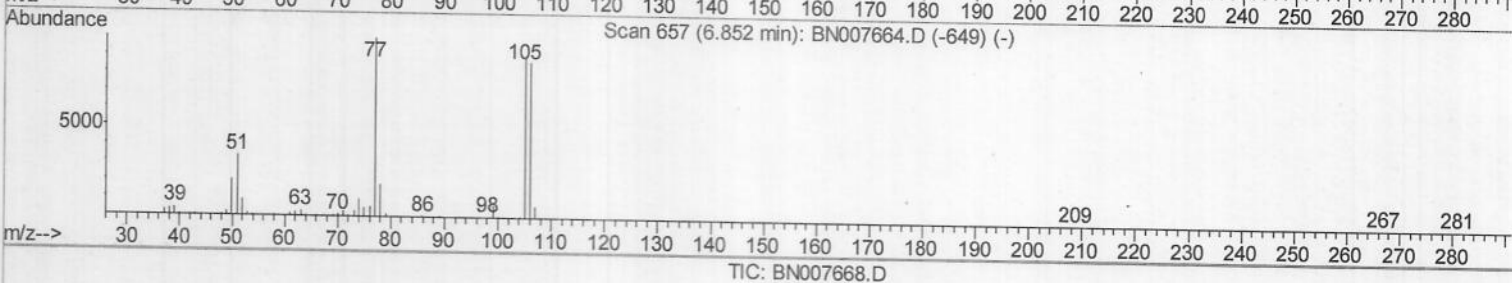
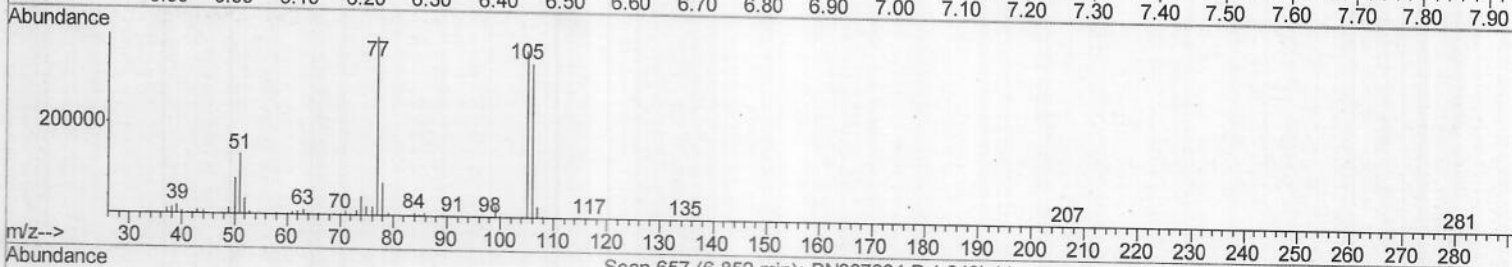
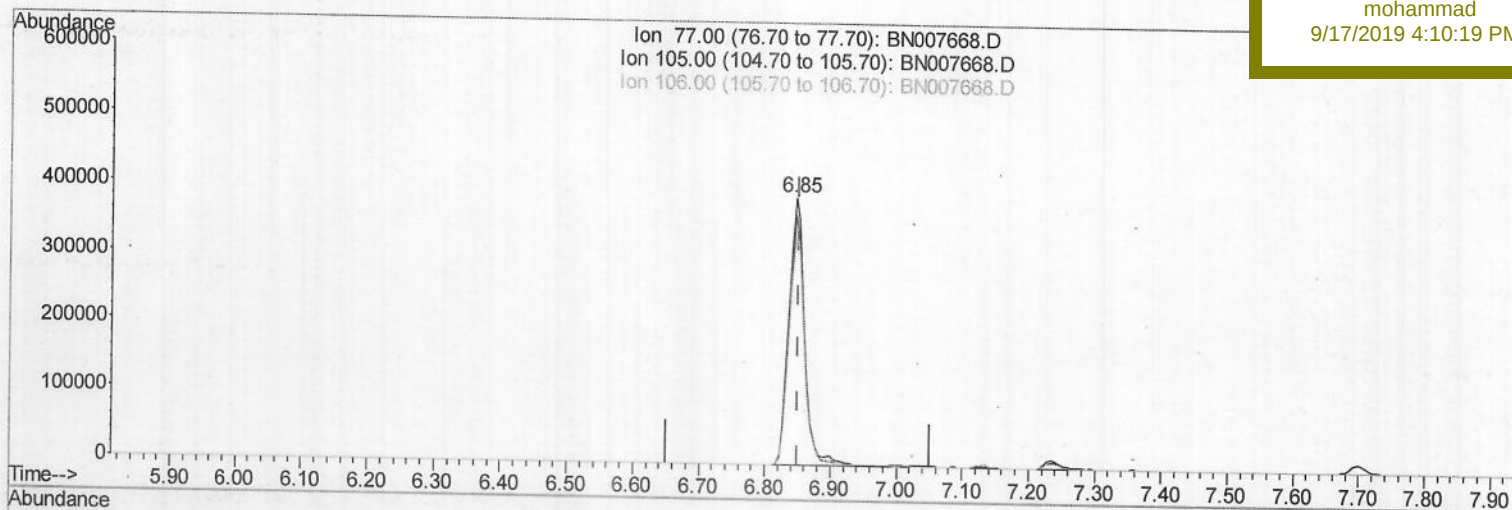
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(4) Benzaldehyde

6.846min (-0.006) 25.64ng/ul m > JU 09/18/19

response 639444

Ion	Exp%	Act%
77.00	100	100
105.00	90.30	93.50
106.00	87.00	86.13
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	7.70	152	466740	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1913105	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	1274696	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	2842316	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	3125354	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	3436805	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	95032	7.74	ng/uL	0.00
5) Phenol-d5	6.87	99	915000	20.59	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.04	67	505910	20.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	668348	21.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	708713	20.93	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	313169	22.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	307923	23.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	686732	22.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	915539	22.68	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	2183702	21.53	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	2680388	23.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	379657	21.04	ng/ul	0.00
57) Fluorene-d10	15.32	176	1858570	21.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	320347	20.88	ng/ul	0.00
70) Anthracene-d10	17.17	188	3080023	21.77	ng/ul	0.00
78) Pyrene-d10	19.47	212	3660739	21.75	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	3687344	20.62	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.29	88	98181	7.828	ng/uL 100
4) Benzaldehyde	6.85	77	639444m	25.637	ng/ul
6) Phenol	6.90	94	965465	19.993	ng/ul 98
8) Bis(2-Chloroethyl) ether	7.13	93	698241	20.006	ng/ul 97
10) 2-Chlorophenol	7.27	128	685820	20.227	ng/ul 100
11) 2-Methylphenol	8.13	108	683614	19.964	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.22	45	760794	20.119	ng/ul 99
14) Acetophenone	8.51	105	1109922	20.249	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.50	70	619527	20.785	ng/ul 99
16) 4-Methylphenol	8.46	108	740128	19.704	ng/ul 95
17) Hexachloroethane	8.77	117	286799	20.210	ng/ul 95
20) Nitrobenzene	8.88	77	886626	21.373	ng/ul 99
21) Isophorone	9.40	82	1664647	21.006	ng/ul 100
23) 2-Nitrophenol	9.59	139	352282	22.773	ng/ul 98
24) 2,4-Dimethylphenol	9.65	107	836611	20.732	ng/ul 99
25) Bis(2-Chloroethoxy) methane	9.89	93	964178	20.510	ng/ul 99
27) 2,4-Dichlorophenol	10.12	162	679412	21.271	ng/ul 98
28) Naphthalene	10.52	128	2219243	20.571	ng/ul 98
30) 4-Chloroaniline	10.62	127	921660	21.540	ng/ul 99
31) Hexachlorobutadiene	10.82	225	468034	20.545	ng/ul 99
32) Caprolactam	11.37	113	280515	25.293	ng/ul 93
33) 4-Chloro-3-methylphenol	11.76	107	776654	20.990	ng/ul 99
34) 2-Methylnaphthalene	12.13	142	1627718	20.896	ng/ul 99

3 JU 09/28/29

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.51	216	931919	20.683	ng/ul	98
37) Hexachlorocyclopentadiene	12.50	237	560159	20.254	ng/ul	99
38) 2,4,6-Trichlorophenol	12.75	196	542003	21.453	ng/ul	100
39) 2,4,5-Trichlorophenol	12.82	196	600186	21.297	ng/ul	99
40) 1,1'-Biphenyl	13.16	154	2093303	20.235	ng/ul	97
41) 2-Chloronaphthalene	13.20	162	1657104	20.661	ng/ul	100
42) 2-Nitroaniline	13.39	65	481249	21.809	ng/ul	97
44) Dimethylphthalate	13.79	163	2164059	20.931	ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	420206	22.268	ng/ul	94
47) Acenaphthylene	14.05	152	2484562	20.263	ng/ul	100
48) 3-Nitroaniline	14.22	138	423201	22.723	ng/ul	96
49) Acenaphthene	14.39	153	1784555	20.732	ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	188302	18.554	ng/ul	98
52) 4-Nitrophenol	14.53	109	311270	21.022	ng/ul	95
53) Dibenzofuran	14.73	168	2582656	20.684	ng/ul	100
54) 2,4-Dinitrotoluene	14.69	165	622237	21.999	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.96	232	523293	21.515	ng/ul	99
56) Diethylphthalate	15.16	149	2140083	20.801	ng/ul	100
58) Fluorene	15.38	166	2078977	20.692	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.38	204	1137203	20.950	ng/ul	98
60) 4-Nitroaniline	15.39	138	471516	22.221	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.45	198	344182	20.135	ng/ul	98
64) N-Nitrosodiphenylamine	15.59	169	1835680	20.605	ng/ul	99
65) 4-Bromophenyl-phenylether	16.27	248	713873	20.935	ng/ul	97
66) Hexachlorobenzene	16.39	284	774145	21.008	ng/ul	96
67) Atrazine	16.55	200	886326	24.501	ng/ul	99
68) Pentachlorophenol	16.73	266	408841	19.808	ng/ul	98
69) Phenanthrene	17.12	178	3493477	20.726	ng/ul	99
71) Anthracene	17.20	178	3576861	21.201	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.12	216	928366	20.656	ng/uL	98
73) Pentachlorobenzene	14.65	250	956300	21.654	ng/uL	99
74) Carbazole	17.47	167	3169829	22.214	ng/ul	99
75) Di-n-butylphthalate	18.05	149	3712900	21.890	ng/ul	99
76) Fluoranthene	19.13	202	4433613	23.979	ng/ul	100
79) Pyrene	19.50	202	4549726	21.862	ng/ul	98
80) Butylbenzylphthalate	20.42	149	1695817	21.438	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.19	252	1644953	21.564	ng/ul	96
82) Benzo(a)anthracene	21.25	228	4786544	21.493	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.20	149	2672427	21.933	ng/ul	98
84) Chrysene	21.30	228	4430167	21.381	ng/ul	100
86) Di-n-octyl phthalate	22.09	149	4328351	24.352	ng/ul	100
87) Benzo(b)fluoranthene	22.83	252	4760647	21.419	ng/ul	100
88) Benzo(k)fluoranthene	22.87	252	4419611	20.462	ng/ul	99
90) Benzo(a)pyrene	23.39	252	4460358	20.758	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.70	276	5137412	20.350	ng/ul	97
92) Dibenzo(a,h)anthracene	25.72	278	4295859	20.401	ng/ul	97
93) Benzo(g,h,i)perylene	26.38	276	4198378	20.286	ng/ul	100

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