Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN010620\
Data File : BN009310.D
Acq On : 06 Jan 2020 14:29
Operator : JU
Sample : SSTD01053
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 06 16:06:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM01-EPA-BN010620.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 06 16:00:02 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD010531

Manual Integrations APPROVED
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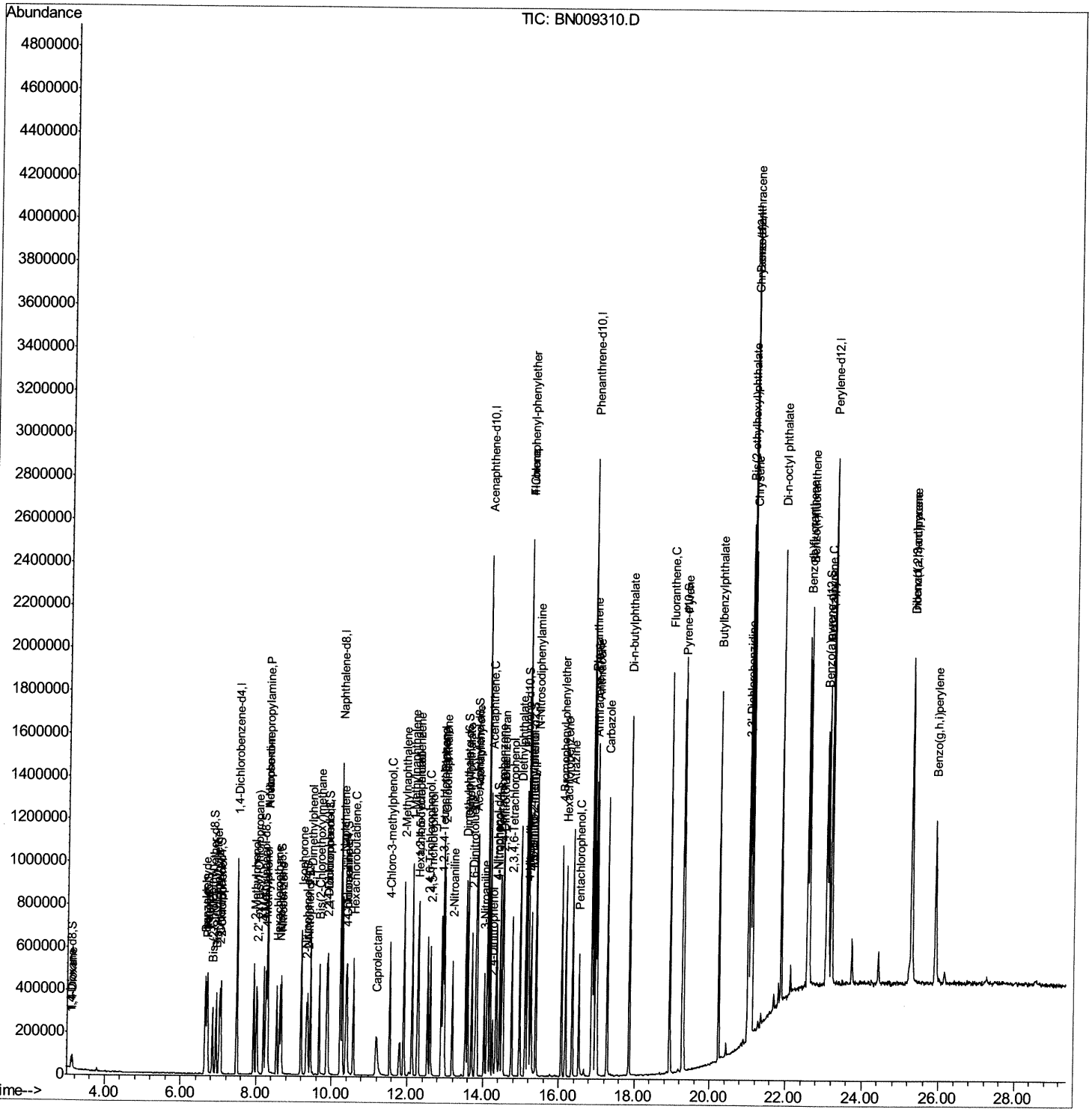

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Quant Time: Jan 06 16:04:38 2020
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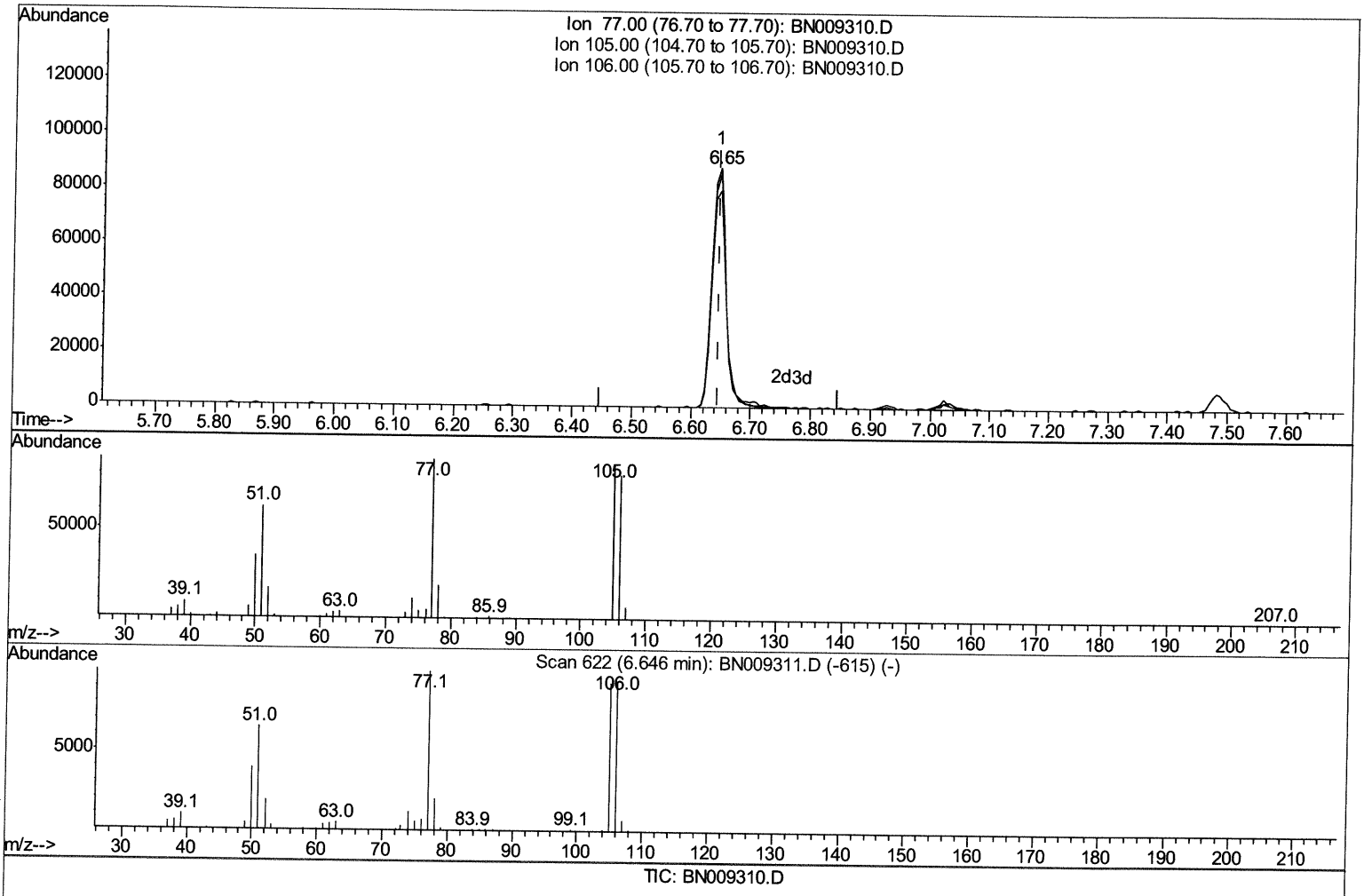

TIC: BN009310.D

(4) Benzaldehyde

6.646min (+0.000) 10.03ng/ul

response 144219

Ion	Exp%	Act%
77.00	100	100
105.00	93.20	97.15
106.00	94.20	90.28
0.00	0.00	0.00

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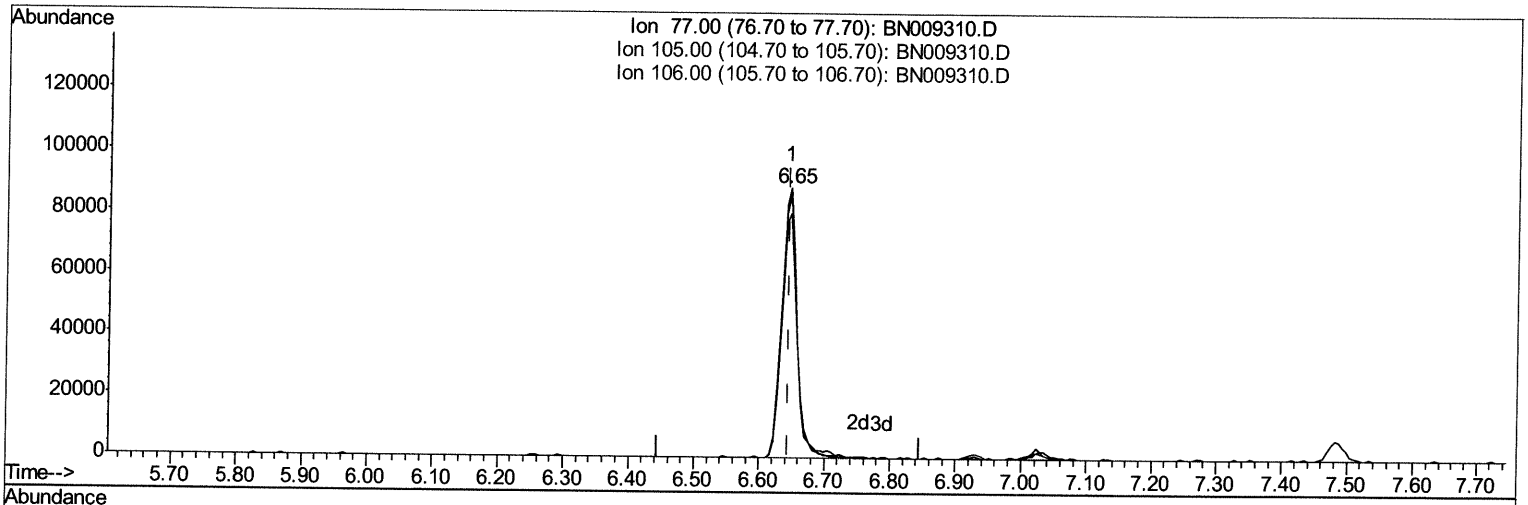

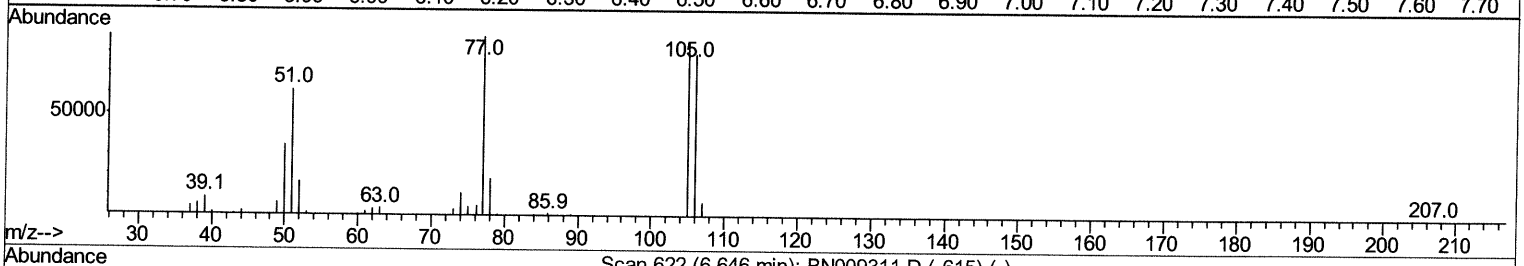

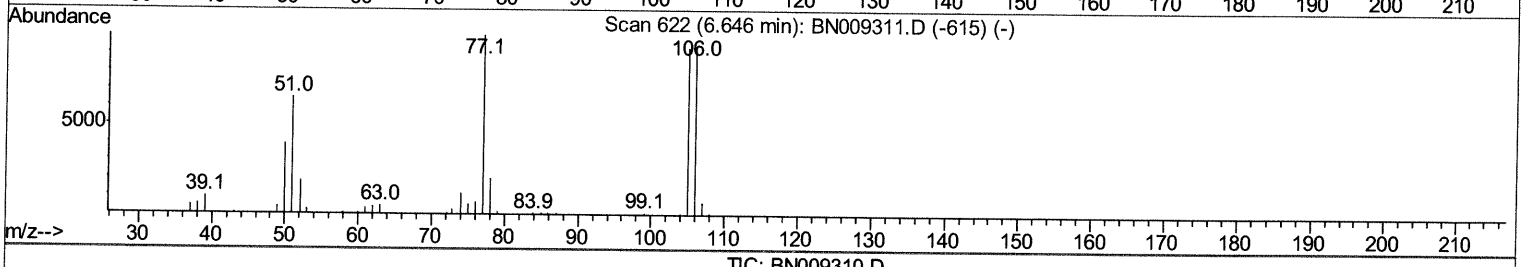

TIC: BN009310.D

(4) Benzaldehyde

6.646min (+0.000) 10.24ng/ul m JU 01/29/20

response 147203

Ion	Exp%	Act%
77.00	100	100
105.00	93.20	97.15
106.00	94.20	90.28
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	7.48	152	234833	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	1083738	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	738668	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	1609017	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1466346	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1608091	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	22514	4.24	ng/uL	0.00
5) Phenol-d5	6.68	99	187799	8.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	144594	10.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	148175	9.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	155766	8.57	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	73997	9.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	83285	9.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	163834	9.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	192991	9.55	ng/ul	0.00
44) Dimethylphthalate-d6	13.54	166	537579	9.84	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	647763	9.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	93829	9.57	ng/ul	0.00
58) Fluorene-d10	15.12	176	471900	9.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	88507	9.02	ng/ul	0.00
71) Anthracene-d10	16.96	188	728306	9.95	ng/ul	0.00
79) Pyrene-d10	19.27	212	797752	11.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	783274	9.81	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	25005	4.247	ng/uL	98
4) Benzaldehyde	6.65	77	147203m >	10.241	ng/ul >	JU 01/29/20
6) Phenol	6.70	94	201820	8.790	ng/ul	100
8) Bis(2-Chloroethyl)ether	6.93	93	173919	9.776	ng/ul	98
10) 2-Chlorophenol	7.06	128	153214	9.420	ng/ul	97
11) 2-Methylphenol	7.93	108	148774	8.715	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.02	45	437786	21.365	ng/ul	99
14) Acetophenone	8.30	105	269428	9.829	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.29	70	151494	10.004	ng/ul	94
16) 4-Methylphenol	8.26	108	171576	9.053	ng/ul	99
17) Hexachloroethane	8.54	117	70279	10.469	ng/ul	98
20) Nitrobenzene	8.66	77	216851	10.018	ng/ul	99
21) Isophorone	9.19	82	424473	10.491	ng/ul	99
23) 2-Nitrophenol	9.37	139	89157	9.458	ng/ul	98
24) 2,4-Dimethylphenol	9.44	107	208792	10.268	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.68	93	255771	10.176	ng/ul	99
27) 2,4-Dichlorophenol	9.90	162	160556	9.855	ng/ul	96
28) Naphthalene	10.29	128	563127	9.916	ng/ul	99
30) 4-Chloroaniline	10.40	127	195199	9.566	ng/ul	100
31) Hexachlorobutadiene	10.58	225	107619	10.686	ng/ul	98
32) Caprolactam	11.18	113	55256	8.976	ng/ul	87
33) 4-Chloro-3-methylphenol	11.54	107	201980	10.332	ng/ul	98
34) 2-Methylnaphthalene	11.91	142	400094	9.856	ng/ul	100

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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.13	142	416427	10.051	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.29	216	205389	10.286	ng/ul	99
38) Hexachlorocyclopentadiene	12.27	237	103663	11.522	ng/ul	97
39) 2,4,6-Trichlorophenol	12.53	196	131177	9.933	ng/ul	100
40) 2,4,5-Trichlorophenol	12.61	196	142615	10.018	ng/ul	96
41) 1,1'-Biphenyl	12.95	154	545250	9.889	ng/ul	99
42) 2-Chloronaphthalene	12.98	162	428285	9.887	ng/ul	99
43) 2-Nitroaniline	13.19	65	153960	12.122	ng/ul	95
45) Dimethylphthalate	13.59	163	554035	9.760	ng/ul	99
46) 2,6-Dinitrotoluene	13.70	165	104763	9.368	ng/ul	95
48) Acenaphthylene	13.83	152	694853	10.000	ng/ul	99
49) 3-Nitroaniline	14.03	138	94689	8.922	ng/ul	97
50) Acenaphthene	14.18	153	468550	9.807	ng/ul	98
51) 2,4-Dinitrophenol	14.25	184	49982	7.954	ng/ul	98
53) 4-Nitrophenol	14.36	109	82939	10.605	ng/ul	94
54) Dibenzofuran	14.52	168	655275	9.865	ng/ul	97
55) 2,4-Dinitrotoluene	14.50	165	157124	9.304	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.76	232	126622	9.838	ng/ul#	96
57) Diethylphthalate	14.97	149	582473	10.092	ng/ul	99
59) Fluorene	15.17	166	547637	9.763	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.17	204	269888	9.895	ng/ul	95
61) 4-Nitroaniline	15.20	138	111877	9.547	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.27	198	94546	9.018	ng/ul	99
65) N-Nitrosodiphenylamine	15.39	169	464235	9.923	ng/ul	97
66) 4-Bromophenyl-phenylether	16.07	248	160396	9.378	ng/ul	97
67) Hexachlorobenzene	16.18	284	182310	8.706	ng/ul	99
68) Atrazine	16.36	200	173240	9.962	ng/ul	100
69) Pentachlorophenol	16.53	266	92999	8.474	ng/ul	98
70) Phenanthrene	16.91	178	893054	9.914	ng/ul	98
72) Anthracene	17.00	178	899102	9.928	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	212169	10.507	ng/uL	97
74) Pentachlorobenzene	14.45	250	206130	9.268	ng/uL	96
75) Carbazole	17.27	167	747254	9.605	ng/ul	98
76) Di-n-butylphthalate	17.86	149	983080	10.537	ng/ul	99
77) Fluoranthene	18.93	202	1019074	10.380	ng/ul	99
80) Pyrene	19.30	202	1071143	11.189	ng/ul	99
81) Butylbenzylphthalate	20.23	149	430173	11.406	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.00	252	318387	9.781	ng/ul	99
83) Benzo(a)anthracene	21.06	228	1024022	10.961	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.02	149	656155	11.675	ng/ul	100
85) Chrysene	21.11	228	1005488	10.980	ng/ul	98
87) Di-n-octyl phthalate	21.87	149	1072928	12.349	ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	965010	10.029	ng/ul	99
89) Benzo(k)fluoranthene	22.61	252	998328	10.575	ng/ul	98
91) Benzo(a)pyrene	23.10	252	894619	10.278	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.27	276	959111	9.176	ng/ul	96
93) Dibenzo(a,h)anthracene	25.29	278	805280	9.190	ng/ul	97
94) Benzo(g,h,i)perylene	25.91	276	785103	9.200	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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