Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030797.D
Acq On : 03 Jul 2021 05:36
Operator : CG/JU
Sample : PB137473BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jul 03 07:00:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 03 06:52:50 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS473

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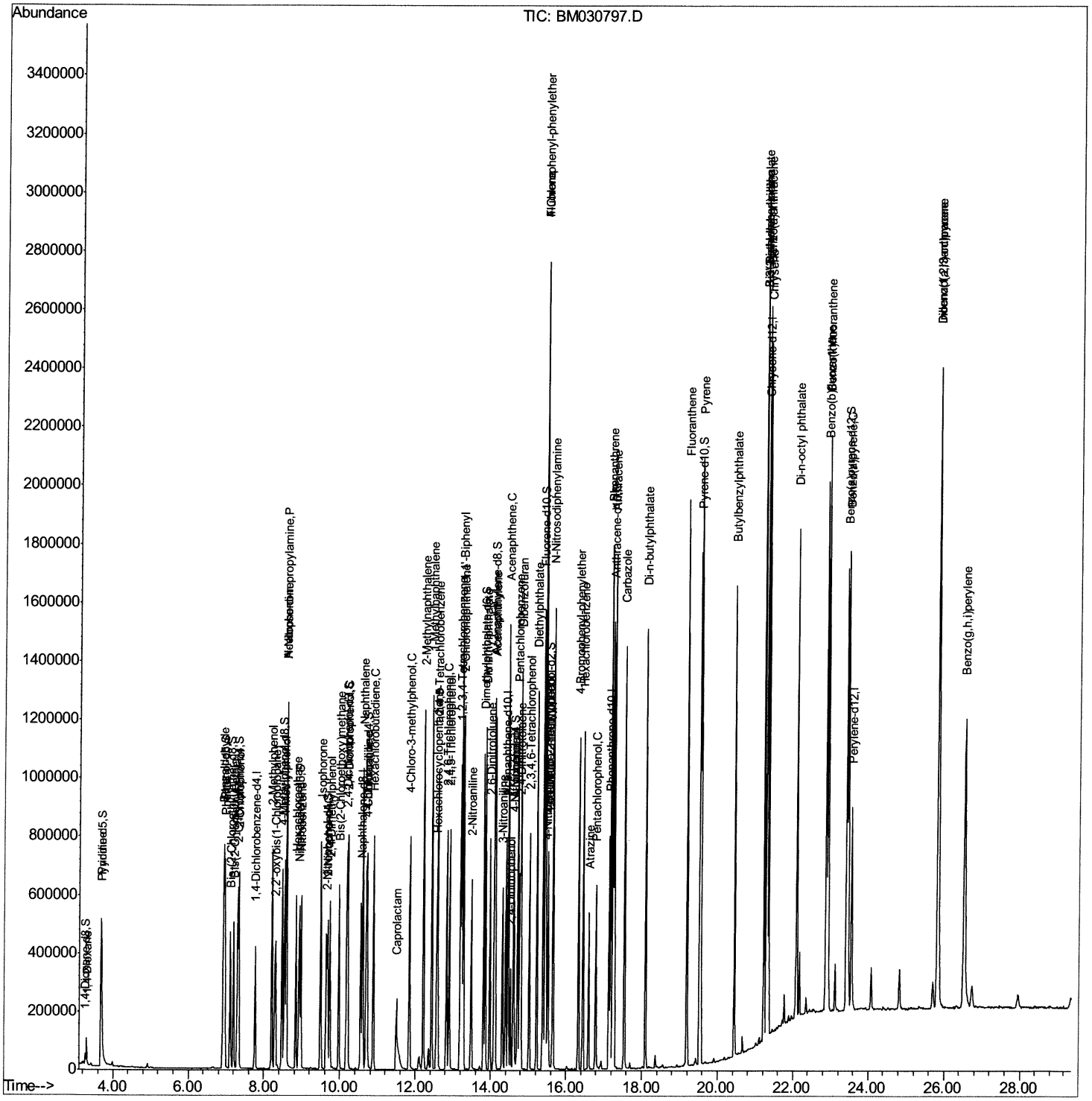

Quantitation Report (Qedit)

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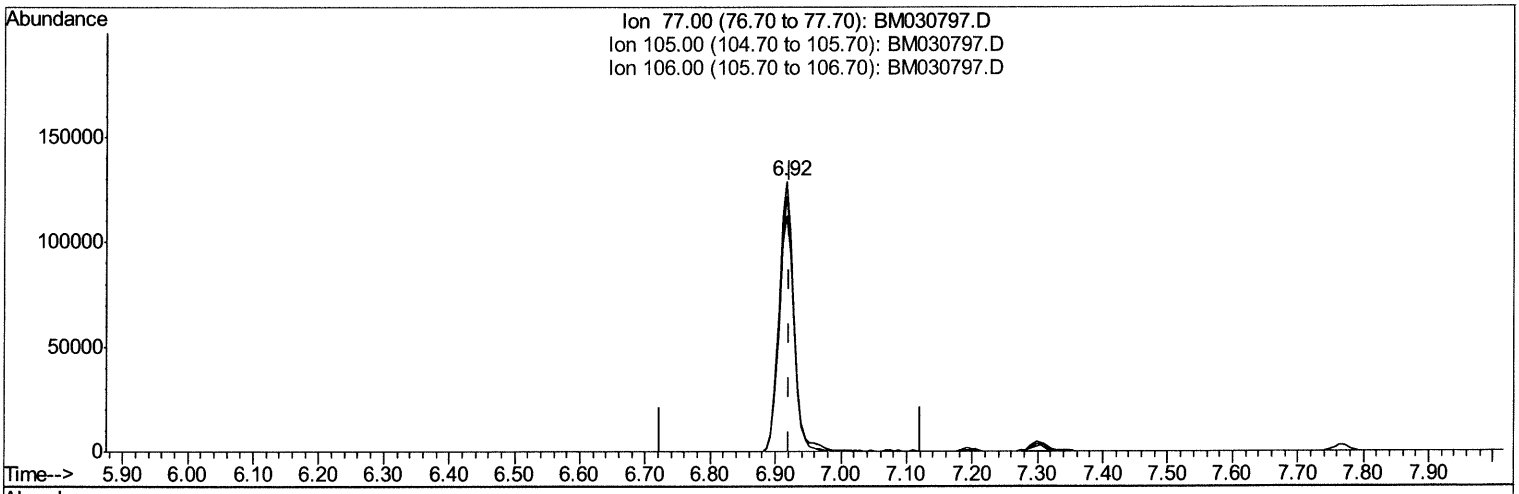

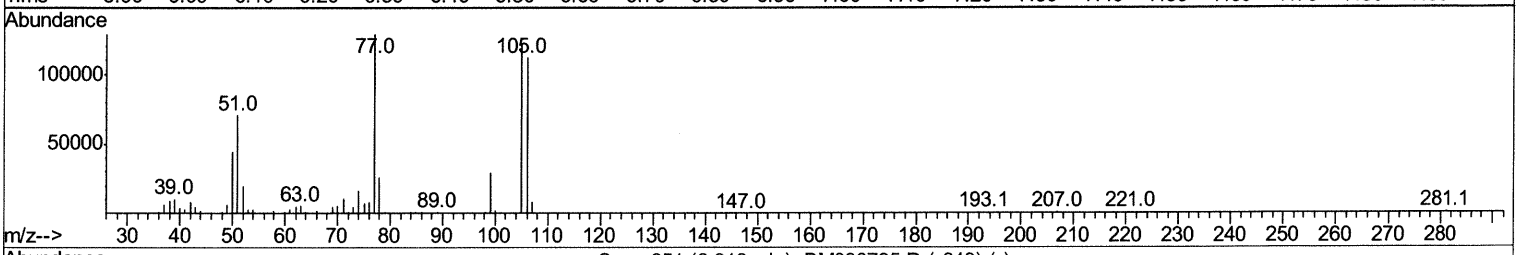

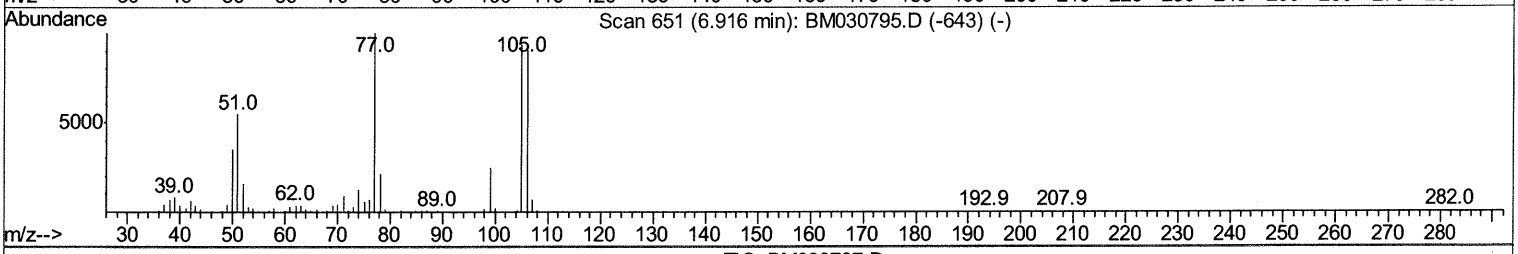

TIC: BM030797.D

(6) Benzaldehyde

6.916min (-0.006) 45.37ng/ul

response 207295

Ion	Exp%	Act%
77.00	100	100
105.00	102.80	94.56
106.00	93.70	87.27
0.00	0.00	0.00

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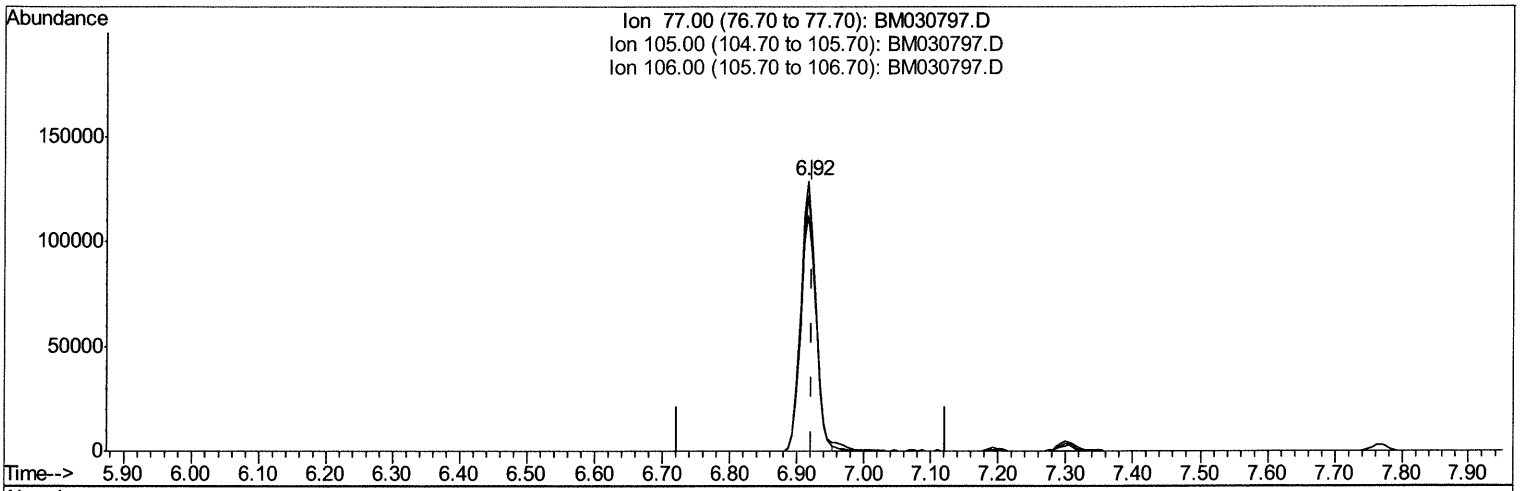

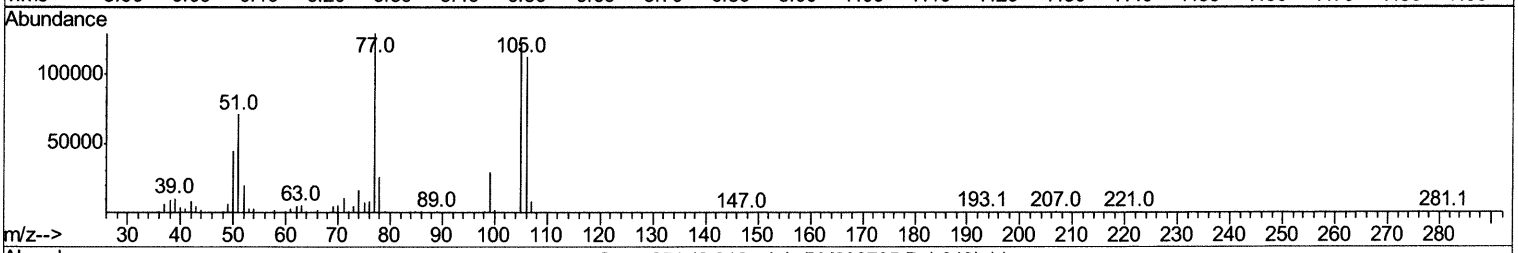

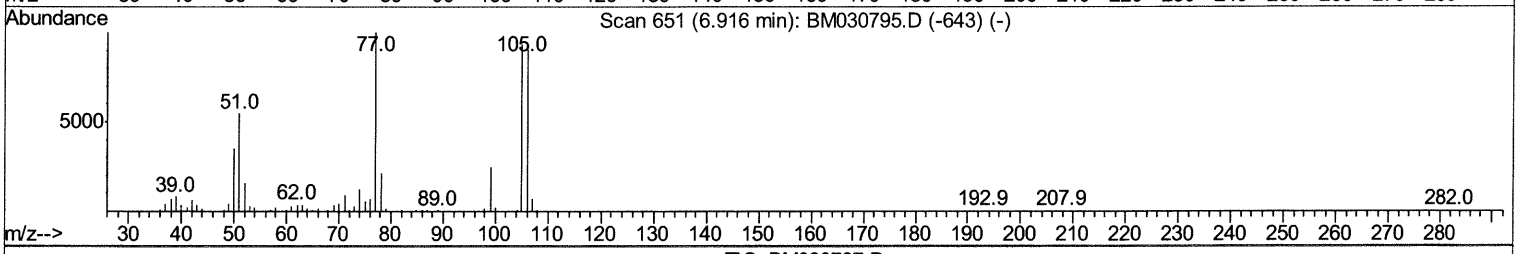

TIC: BM030797.D

(6) Benzaldehyde

6.916min (-0.006) 44.11ng/ul m

response 201512

JG 7/7/21

Ion	Exp%	Act%
77.00	100	100
105.00	102.80	94.56
106.00	93.70	87.27
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	108954	20.00	ng/ul	0.00
20) Naphthalene-d8	10.55	136	444595	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.40	164	257924	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.14	188	483923	20.00	ng/ul	0.00
79) Chrysene-d12	21.30	240	475409	20.00	ng/ul	0.00
88) Perylene-d12	23.55	264	460490	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	17571	6.54	ng/uL	0.00
4) Pyridine-d5	3.67	84	199499	27.63	ng/ul	0.00
7) Phenol-d5	6.93	99	327985	34.90	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.10	67	206233	34.92	ng/ul	0.00
11) 2-Chlorophenol-d4	7.30	132	262629	36.21	ng/ul	0.00
15) 4-Methylphenol-d8	8.47	113	248452	33.98	ng/ul	0.00
21) Nitrobenzene-d5	8.92	128	121774	36.71	ng/ul	0.00
24) 2-Nitrophenol-d4	9.64	143	134991	36.61	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.17	165	255703	36.20	ng/ul	0.00
31) 4-Chloroaniline-d4	10.69	131	305977	31.07	ng/ul	0.00
46) Dimethylphthalate-d6	13.81	166	690927	38.80	ng/ul	0.00
49) Acenaphthylene-d8	14.09	160	902038	39.02	ng/ul	0.00
54) 4-Nitrophenol-d4	14.60	143	114340	33.89	ng/ul	0.00
60) Fluorene-d10	15.39	176	605796	38.35	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.52	200	106840	33.75	ng/ul	0.00
73) Anthracene-d10	17.23	188	824235	36.50	ng/ul	0.00
81) Pyrene-d10	19.52	212	895604	35.95	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.41	264	1020855	42.64	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	42414	14.839	ng/uL	97
5) Pyridine	3.69	79	233342	30.021	ng/ul	99
6) Benzaldehyde	6.92	77	201512m	44.105	ng/ul	> 7/2/24
8) Phenol	6.96	94	336553	35.422	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.20	93	254349	33.966	ng/ul	99
12) 2-Chlorophenol	7.33	128	263057	35.990	ng/ul	98
13) 2-Methylphenol	8.20	108	237428	34.485	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.30	45	419379	35.331	ng/ul	98
16) Acetophenone	8.59	105	401344	35.541	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.58	70	207647	37.175	ng/ul	99
18) 4-Methylphenol	8.53	108	260357	34.724	ng/ul	95
19) Hexachloroethane	8.84	117	106648	34.823	ng/ul	98
22) Nitrobenzene	8.97	77	311534	37.223	ng/ul	99
23) Isophorone	9.49	82	541365	37.353	ng/ul	99
25) 2-Nitrophenol	9.67	139	144858	37.003	ng/ul	98
26) 2,4-Dimethylphenol	9.73	107	186572	23.579	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.97	93	336829	35.722	ng/ul	99
29) 2,4-Dichlorophenol	10.20	162	247980	36.649	ng/ul	99
30) Naphthalene	10.60	128	807917	35.891	ng/ul	99
32) 4-Chloroaniline	10.72	127	301703	30.855	ng/ul	99
33) Hexachlorobutadiene	10.88	225	162099	35.430	ng/ul	99
34) Caprolactam	11.50	113	70717	36.008	ng/ul	89

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.84	107	258092	38.846	ng/ul	98
36) 2-Methylnaphthalene	12.22	142	573914	36.536	ng/ul	99
37) 1-Methylnaphthalene	12.43	142	560976	35.281	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	306853	38.133	ng/ul	99
40) Hexachlorocyclopentadiene	12.56	237	121617	23.161	ng/ul	99
41) 2,4,6-Trichlorophenol	12.83	196	183884	36.285	ng/ul	98
42) 2,4,5-Trichlorophenol	12.90	196	204553	37.820	ng/ul	99
43) 1,1'-Biphenyl	13.23	154	737241	38.730	ng/ul	99
44) 2-Chloronaphthalene	13.27	162	578912	38.683	ng/ul	98
45) 2-Nitroaniline	13.48	65	175073	43.530	ng/ul	98
47) Dimethylphthalate	13.86	163	703169	40.298	ng/ul	99
48) 2,6-Dinitrotoluene	13.98	165	145801	43.367	ng/ul	97
50) Acenaphthylene	14.12	152	841065	39.223	ng/ul	99
51) 3-Nitroaniline	14.31	138	143191	39.981	ng/ul	99
52) Acenaphthene	14.46	153	614828	39.509	ng/ul	99
53) 2,4-Dinitrophenol	14.52	184	67966	30.751	ng/ul	97
55) 4-Nitrophenol	14.62	109	100110	37.088	ng/ul	99
56) Dibenzofuran	14.80	168	844028	38.905	ng/ul	99
57) 2,4-Dinitrotoluene	14.77	165	202232	42.960	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.02	232	150078	34.278	ng/ul#	96
59) Diethylphthalate	15.22	149	688041	41.047	ng/ul	99
61) Fluorene	15.45	166	714220	39.947	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.44	204	355337	39.907	ng/ul	99
63) 4-Nitroaniline	15.47	138	145750	42.736	ng/ul	94
66) 4,6-Dinitro-2-methylphenol	15.53	198	106452	34.551	ng/ul	100
67) N-Nitrosodiphenylamine	15.65	169	580322	40.237	ng/ul	99
68) 4-Bromophenyl-phenylether	16.33	248	204971	41.510	ng/ul	99
69) Hexachlorobenzene	16.45	284	234692	41.091	ng/ul	98
70) Atrazine	16.60	200	91556	17.898	ng/ul	97
71) Pentachlorophenol	16.79	266	106720	29.818	ng/ul	98
72) Phenanthrene	17.18	178	1029515	39.616	ng/ul	100
74) Anthracene	17.27	178	1005778	37.852	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.19	216	305657	39.601	ng/uL	98
76) Pentachlorobenzene	14.72	250	281227	38.250	ng/uL	98
77) Carbazole	17.54	167	897530	37.669	ng/ul	99
78) Di-n-butylphthalate	18.10	149	1055091	43.457	ng/ul	99
80) Fluoranthene	19.19	202	1130696	37.165	ng/ul	99
82) Pyrene	19.55	202	1178820	36.876	ng/ul	99
83) Butylbenzylphthalate	20.44	149	431414	40.998	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.22	252	335301	35.780	ng/ul	99
85) Benzo(a)anthracene	21.29	228	1165967	39.520	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.22	149	614684	40.614	ng/ul	100
87) Chrysene	21.34	228	1137213	39.539	ng/ul	99
89) Di-n-octyl phthalate	22.09	149	1047353	39.538	ng/ul	100
90) Benzo(b)fluoranthene	22.87	252	1260243	43.106	ng/ul	100
91) Benzo(k)fluoranthene	22.92	252	1239331	44.110	ng/ul	99
93) Benzo(a)pyrene	23.46	252	1128842	42.942	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.83	276	1549657	46.826	ng/ul	99
95) Dibenzo(a,h)anthracene	25.84	278	1312911	47.856	ng/ul	99
96) Benzo(g,h,i)perylene	26.53	276	1255756	45.480	ng/ul	99

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

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