Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030781.D
Acq On : 02 Jul 2021 19:18
Operator : CG/JU
Sample : PB137439BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 02 23:13:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 02 18:01:37 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS439

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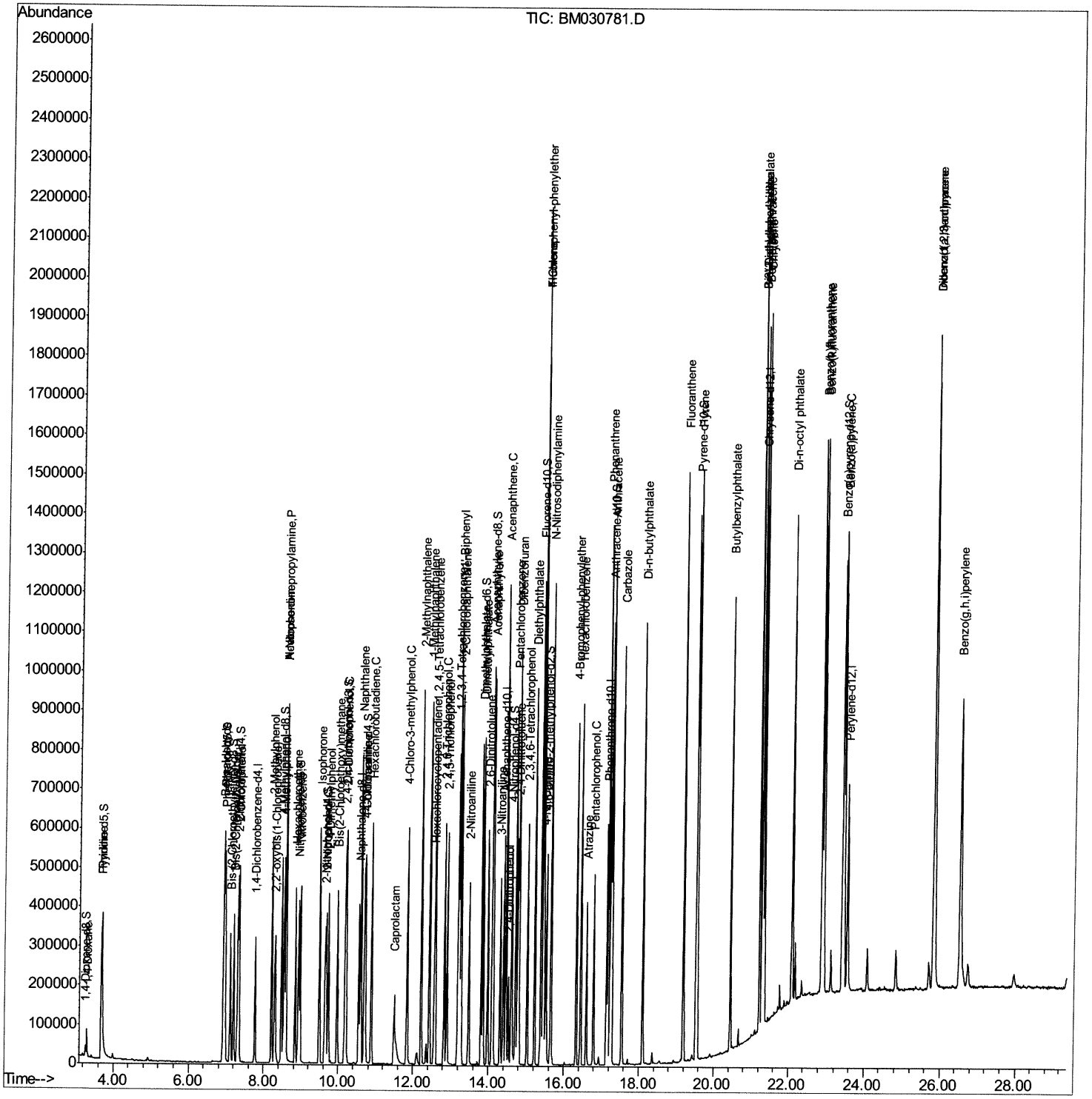

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Quant Time: Jul 02 22:59:07 2021
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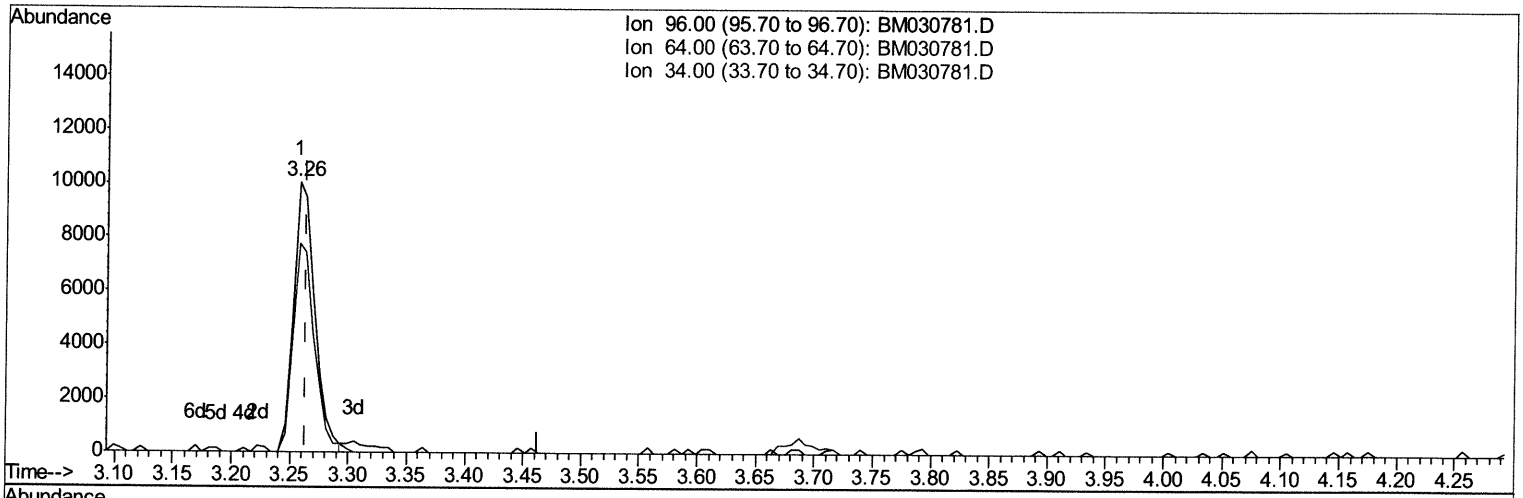

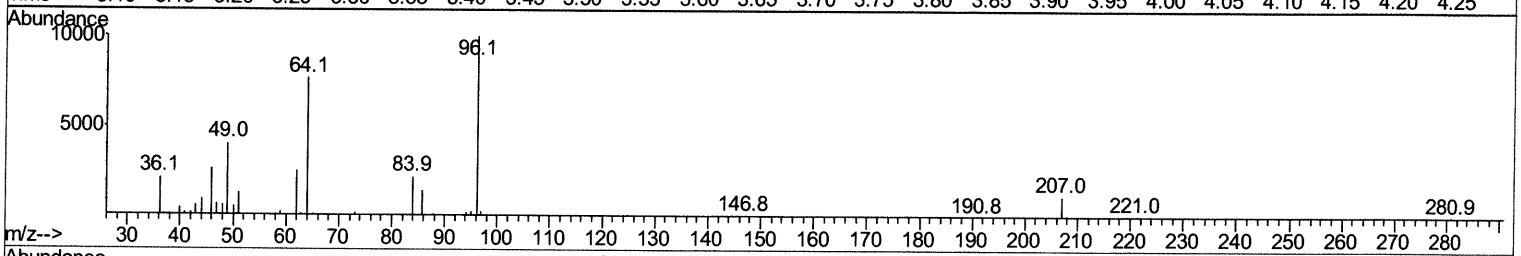

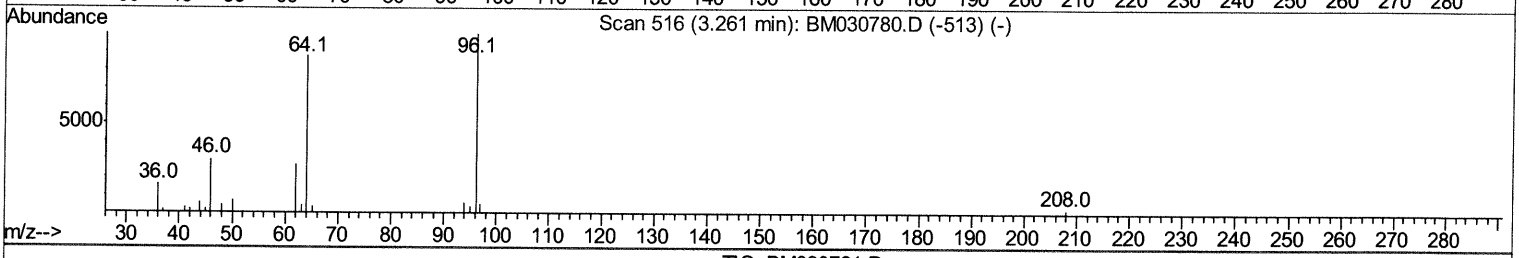

TIC: BM030781.D

(3) 1,4-Dioxane-d8 (S)

3.258min (-0.006) 6.40ng/uL

response 12772

Ion	Exp%	Act%
96.00	100	100
64.00	80.00	77.06
34.00	0.00	0.00
0.00	0.00	0.00

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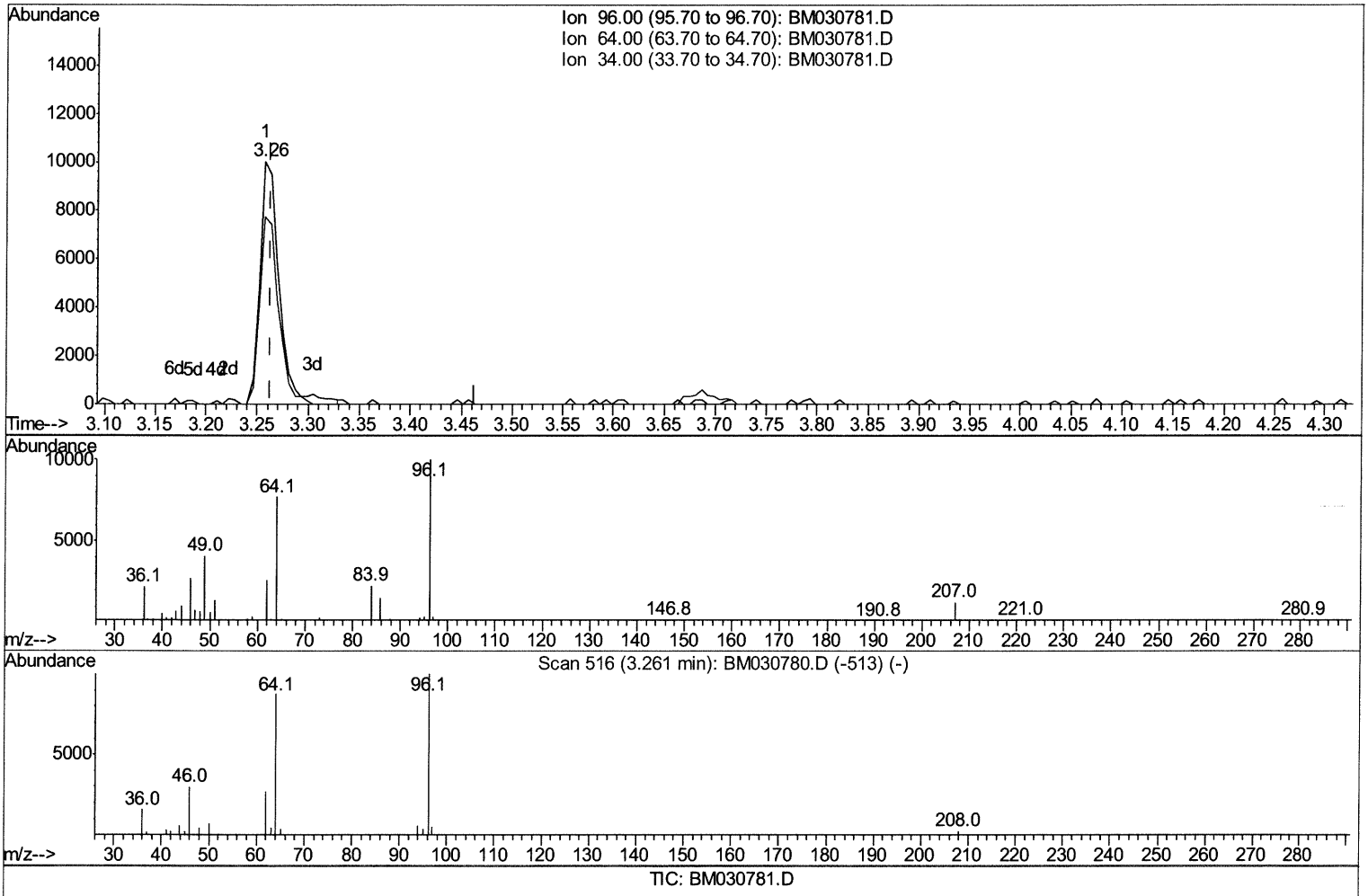

TIC: BM030781.D

(3) 1,4-Dioxane-d8 (S)

3.258min (-0.006) 6.69ng/uL m JY 7/2/21

response 13352

Ion	Exp%	Act%
96.00	100	100
64.00	80.00	77.06
34.00	0.00	0.00
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	7.77	152	80932	20.00	ng/ul	0.00
20) Naphthalene-d8	10.56	136	324829	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.40	164	192646	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.14	188	359331	20.00	ng/ul	0.00
79) Chrysene-d12	21.31	240	346666	20.00	ng/ul	0.00
88) Perylene-d12	23.56	264	347834	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	13352m	6.69	ng/uL	0.00
4) Pyridine-d5	3.68	84	152715	28.47	ng/ul	0.00
7) Phenol-d5	6.94	99	244420	35.02	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.10	67	150724	34.36	ng/ul	0.00
11) 2-Chlorophenol-d4	7.30	132	194967	36.19	ng/ul	0.00
15) 4-Methylphenol-d8	8.47	113	184756	34.01	ng/ul	0.00
21) Nitrobenzene-d5	8.93	128	90010	37.13	ng/ul	0.00
24) 2-Nitrophenol-d4	9.65	143	96812	35.94	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.18	165	192668	37.34	ng/ul	0.00
31) 4-Chloroaniline-d4	10.69	131	228484	31.75	ng/ul	0.00
46) Dimethylphthalate-d6	13.81	166	523701	39.37	ng/ul	0.00
49) Acenaphthylene-d8	14.09	160	675927	39.15	ng/ul	0.00
54) 4-Nitrophenol-d4	14.60	143	84550	33.55	ng/ul	0.00
60) Fluorene-d10	15.39	176	458241	38.84	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.52	200	75794	32.24	ng/ul	0.00
73) Anthracene-d10	17.24	188	614253	36.63	ng/ul	0.00
81) Pyrene-d10	19.53	212	660746	36.38	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.42	264	765284	42.32	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	31943	15.045	ng/uL	99
5) Pyridine	3.69	79	174156	30.164	ng/ul	98
6) Benzaldehyde	6.92	77	147466	43.451	ng/ul	92
8) Phenol	6.96	94	249171	35.305	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.20	93	188227	33.839	ng/ul	99
12) 2-Chlorophenol	7.33	128	194916	35.901	ng/ul	97
13) 2-Methylphenol	8.21	108	173531	33.931	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.30	45	307005	34.819	ng/ul	99
16) Acetophenone	8.59	105	298675	35.607	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.58	70	150502	36.274	ng/ul	95
18) 4-Methylphenol	8.54	108	192131	34.497	ng/ul	99
19) Hexachloroethane	8.84	117	79197	34.813	ng/ul	97
22) Nitrobenzene	8.97	77	232011	37.943	ng/ul	98
23) Isophorone	9.49	82	402336	37.996	ng/ul	99
25) 2-Nitrophenol	9.67	139	107370	37.539	ng/ul	97
26) 2,4-Dimethylphenol	9.73	107	141814	24.531	ng/ul	97
27) Bis(2-Chloroethoxy)methane	9.97	93	248310	36.044	ng/ul	100
29) 2,4-Dichlorophenol	10.20	162	187295	37.886	ng/ul	98
30) Naphthalene	10.60	128	600810	36.531	ng/ul	100
32) 4-Chloroaniline	10.72	127	224238	31.388	ng/ul	99
33) Hexachlorobutadiene	10.89	225	123385	36.912	ng/ul	99
34) Caprolactam	11.50	113	52243	36.409	ng/ul	95

JG 7/7/21

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.84	107	191440	39.438	ng/ul	99
36) 2-Methylnaphthalene	12.22	142	428068	37.299	ng/ul	100
37) 1-Methylnaphthalene	12.44	142	415836	35.796	ng/ul	96
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	231775	38.563	ng/ul	99
40) Hexachlorocyclopentadiene	12.56	237	91628	23.363	ng/ul	97
41) 2,4,6-Trichlorophenol	12.83	196	140015	36.990	ng/ul	95
42) 2,4,5-Trichlorophenol	12.90	196	152818	37.829	ng/ul	98
43) 1,1'-Biphenyl	13.23	154	555573	39.076	ng/ul	98
44) 2-Chloronaphthalene	13.27	162	438397	39.220	ng/ul	99
45) 2-Nitroaniline	13.48	65	126029	41.954	ng/ul	95
47) Dimethylphthalate	13.86	163	531758	40.801	ng/ul	100
48) 2,6-Dinitrotoluene	13.98	165	106804	42.532	ng/ul	99
50) Acenaphthylene	14.12	152	627297	39.167	ng/ul	99
51) 3-Nitroaniline	14.31	138	106020	39.633	ng/ul	96
52) Acenaphthene	14.46	153	466250	40.114	ng/ul	99
53) 2,4-Dinitrophenol	14.52	184	45380	27.490	ng/ul	99
55) 4-Nitrophenol	14.62	109	73285	36.350	ng/ul	96
56) Dibenzofuran	14.80	168	641538	39.592	ng/ul	97
57) 2,4-Dinitrotoluene	14.77	165	147847	42.049	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.03	232	114899	35.135	ng/ul	99
59) Diethylphthalate	15.22	149	516609	41.263	ng/ul	99
61) Fluorene	15.45	166	538118	40.296	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.45	204	271134	40.769	ng/ul	97
63) 4-Nitroaniline	15.47	138	108820	42.719	ng/ul	88
66) 4,6-Dinitro-2-methylphenol	15.53	198	76785	33.563	ng/ul	98
67) N-Nitrosodiphenylamine	15.66	169	437909	40.890	ng/ul	99
68) 4-Bromophenyl-phenylether	16.33	248	155494	42.409	ng/ul	99
69) Hexachlorobenzene	16.45	284	176581	41.637	ng/ul	100
70) Atrazine	16.60	200	73043	19.229	ng/ul	98
71) Pentachlorophenol	16.79	266	80366	30.241	ng/ul	96
72) Phenanthrene	17.18	178	776317	40.231	ng/ul	99
74) Anthracene	17.27	178	751576	38.093	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.20	216	231124	40.327	ng/uL	98
76) Pentachlorobenzene	14.72	250	215381	39.452	ng/uL	99
77) Carbazole	17.54	167	665920	37.639	ng/ul	99
78) Di-n-butylphthalate	18.10	149	775470	43.015	ng/ul	100
80) Fluoranthene	19.19	202	832832	37.541	ng/ul	99
82) Pyrene	19.56	202	874673	37.523	ng/ul	98
83) Butylbenzylphthalate	20.45	149	305669	39.836	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.23	252	252242	36.913	ng/ul	98
85) Benzo(a)anthracene	21.29	228	859546	39.953	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.22	149	438633	39.744	ng/ul	100
87) Chrysene	21.34	228	836396	39.880	ng/ul	99
89) Di-n-octyl phthalate	22.10	149	741372	37.051	ng/ul	100
90) Benzo(b)fluoranthene	22.88	252	954235	43.211	ng/ul	99
91) Benzo(k)fluoranthene	22.93	252	906958	42.735	ng/ul	99
93) Benzo(a)pyrene	23.46	252	845670	42.589	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.84	276	1171448	46.862	ng/ul	98
95) Dibenzo(a,h)anthracene	25.84	278	991565	47.849	ng/ul	99
96) Benzo(g,h,i)perylene	26.53	276	957021	45.887	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