Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100220\
Data File : BG046749.D
Acq On : 2 Oct 2020 23:44
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 03 00:45:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 03 00:37:01 2020
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02023

Manual Integrations APPROVED
mohammad
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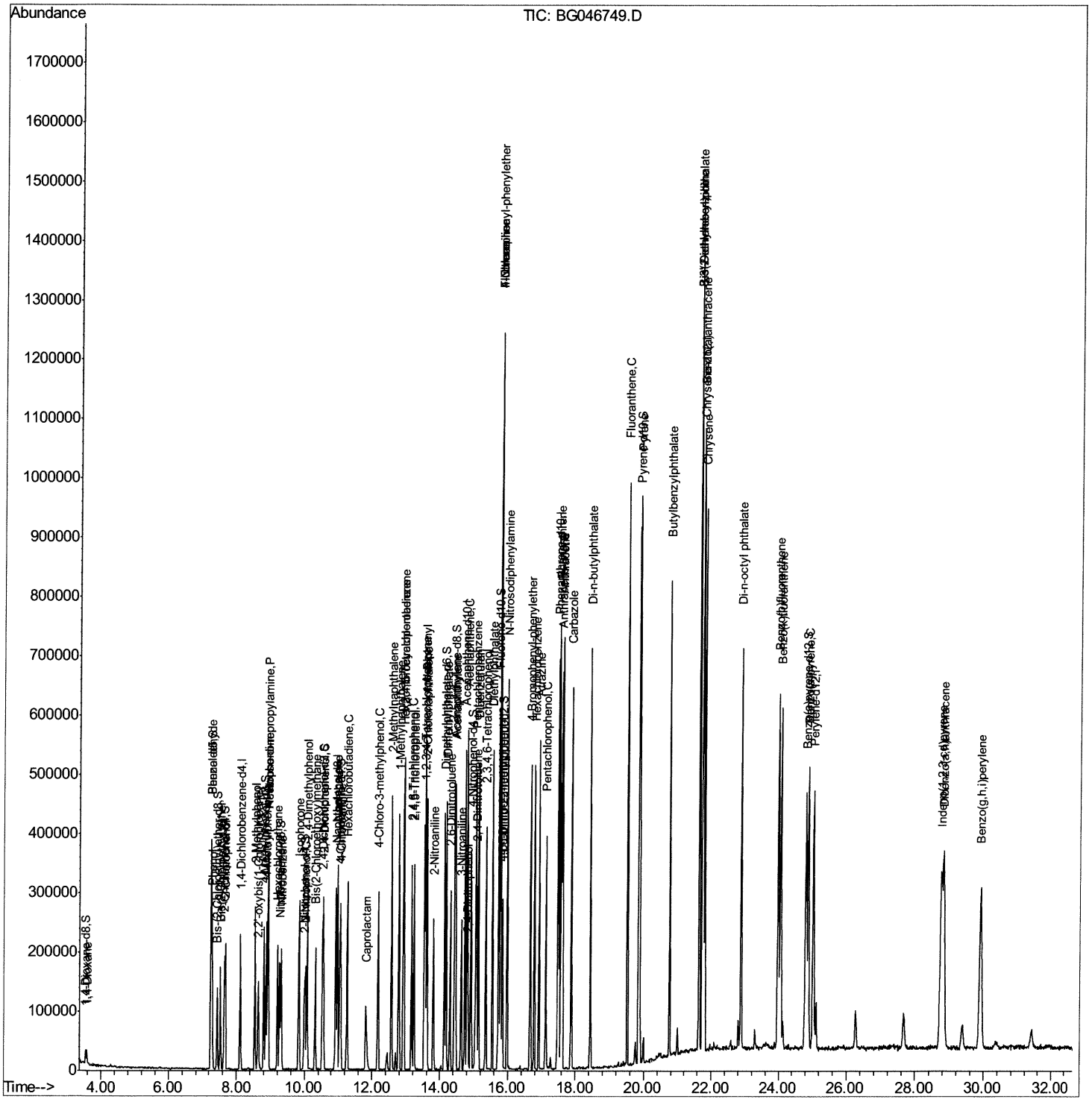

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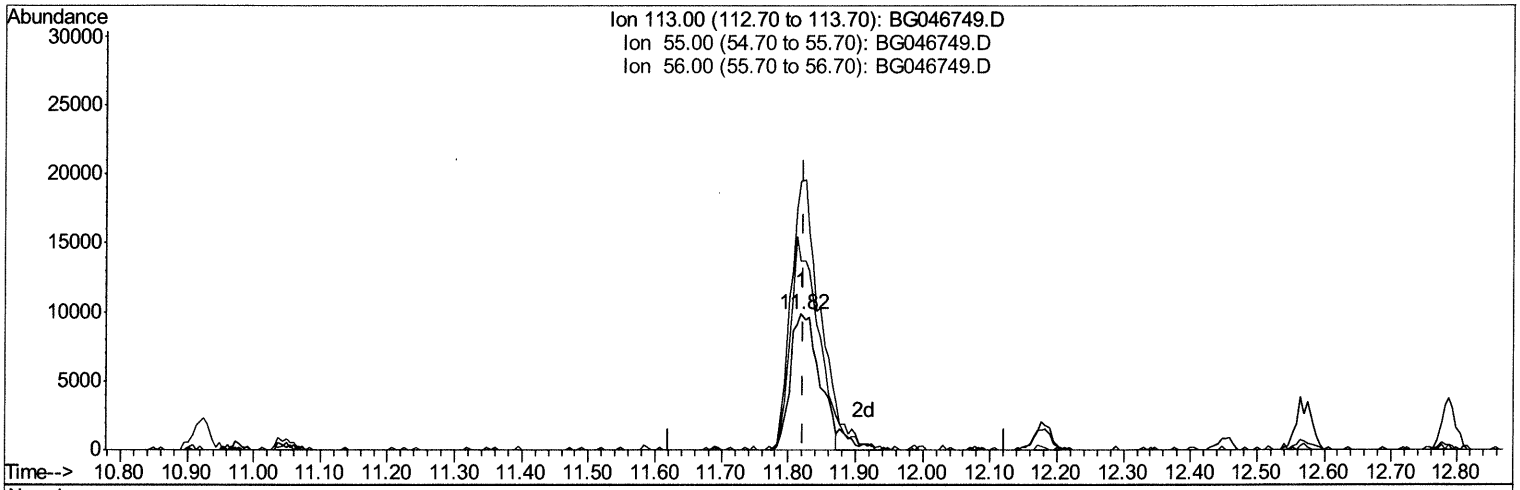

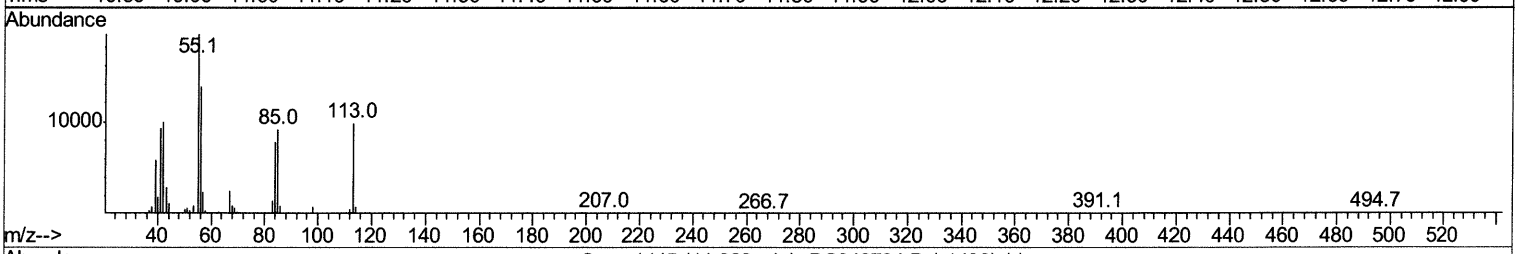

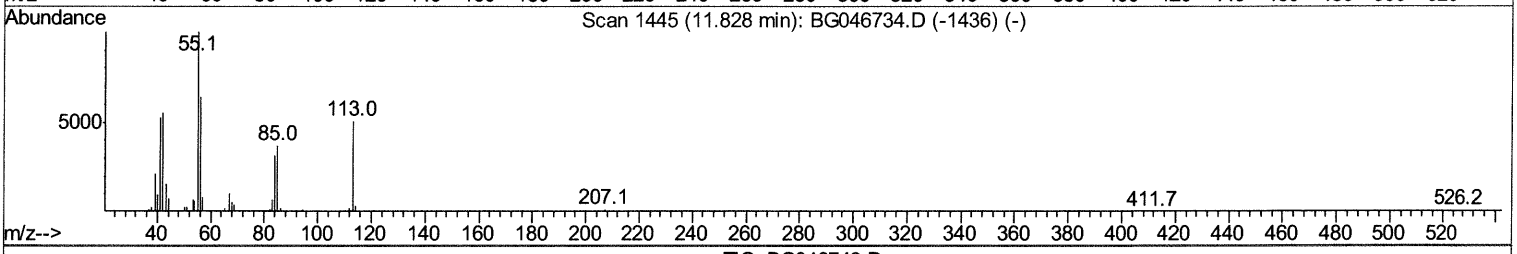

TIC: BG046749.D

(32) Caprolactam

11.818min (-0.003) 19.64ng/ul

response 29783

Ion	Exp%	Act%
113.00	100	100
55.00	188.30	197.18
56.00	140.10	139.08
0.00	0.00	0.00

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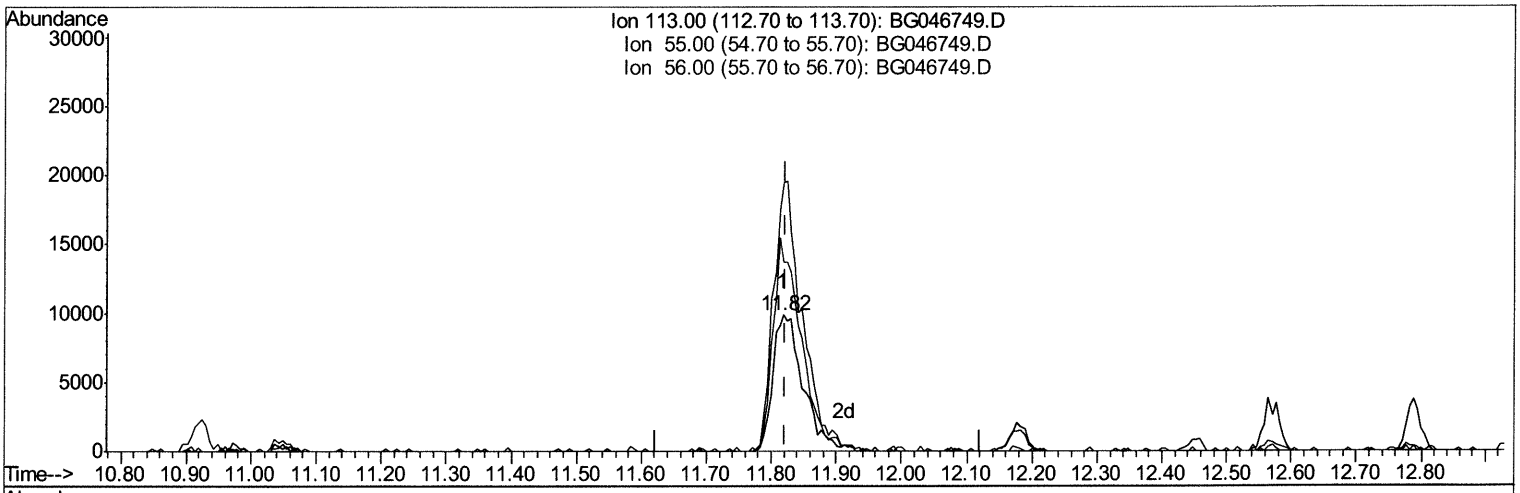

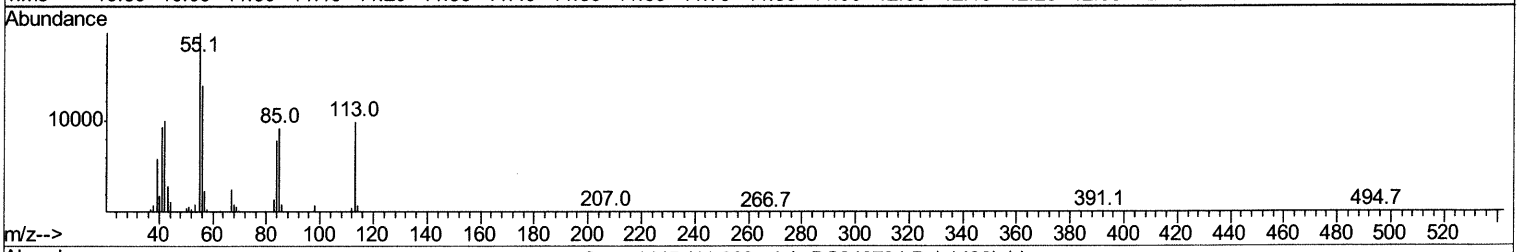

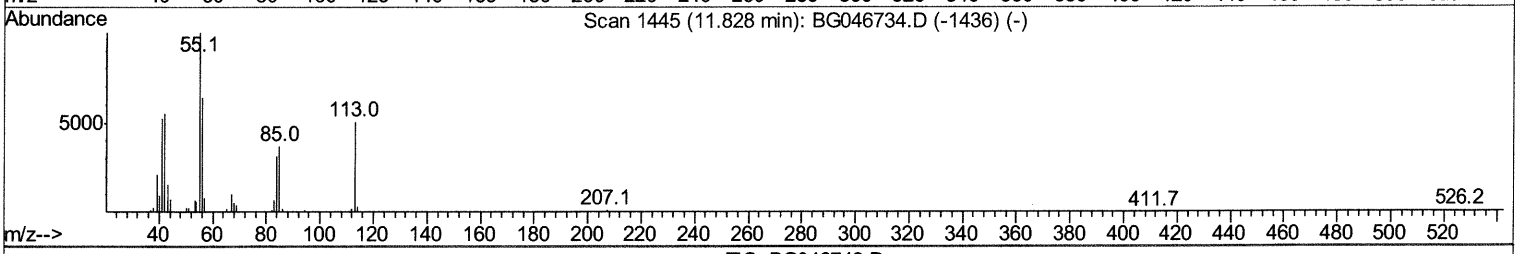

TIC: BG046749.D

(32) Caprolactam

11.818min (-0.003) 21.06ng/ul m 10/06/20 JU

response 31937

Ion	Exp%	Act%
113.00	100	100
55.00	188.30	197.18
56.00	140.10	139.08
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	8.11	152	62764	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	252314	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	182484	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	444848	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	475960	20.00	ng/ul	0.00
86) Perylene-d12	25.03	264	500071	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	11739	9.18	ng/uL	0.00
5) Phenol-d5	7.25	99	108911	20.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	63973	19.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	80596	20.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	87393	20.80	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	41741	22.10	ng/ul	0.00
22) 2-Nitrophenol-d4	10.00	143	42270	22.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	95213	21.09	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	110190	20.53	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	280483	20.12	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	327370	19.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	47854	20.13	ng/ul	0.00
58) Fluorene-d10	15.73	176	260147	20.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	48743	21.93	ng/ul	0.00
71) Anthracene-d10	17.58	188	402983	19.74	ng/ul	0.00
79) Pyrene-d10	19.86	212	501449	20.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.80	264	508158	18.85	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	13076	7.977	ng/uL	98
4) Benzaldehyde	7.25	77	78253	20.654	ng/ul	97
6) Phenol	7.28	94	118236	21.011	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.52	93	87745	20.248	ng/ul	96
10) 2-Chlorophenol	7.67	128	84710	21.188	ng/ul	93
11) 2-Methylphenol	8.54	108	86086	20.750	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.64	45	133395	19.564	ng/ul	98
14) Acetophenone	8.93	105	145741	21.400	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.92	70	78187	21.254	ng/ul	95
16) 4-Methylphenol	8.87	108	89837	20.302	ng/ul	97
17) Hexachloroethane	9.20	117	36175	19.481	ng/ul	91
20) Nitrobenzene	9.32	77	117281	21.770	ng/ul	96
21) Isophorone	9.84	82	202865	18.879	ng/ul	96
23) 2-Nitrophenol	10.03	139	48475	23.185	ng/ul	88
24) 2,4-Dimethylphenol	10.08	107	111911	21.367	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.32	93	115540	18.458	ng/ul	98
27) 2,4-Dichlorophenol	10.56	162	95432	21.712	ng/ul	95
28) Naphthalene	10.97	128	279126	19.981	ng/ul	97
30) 4-Chloroaniline	11.07	127	112035	21.445	ng/ul	90
31) Hexachlorobutadiene	11.26	225	80234	21.242	ng/ul	97
32) Caprolactam	11.82	113	31937m	21.059	ng/ul	97
33) 4-Chloro-3-methylphenol	12.18	107	98640	20.534	ng/ul	97
34) 2-Methylnaphthalene	12.57	142	212324	20.792	ng/ul	97

10/9/20 JU

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.79	142	193794	19.581 ng/uL	95
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	137458	20.575 ng/ul	98
38) Hexachlorocyclopentadiene	12.92	237	87107	20.163 ng/ul#	95
39) 2,4,6-Trichlorophenol	13.16	196	85173	21.543 ng/ul	91
40) 2,4,5-Trichlorophenol	13.23	196	94460	22.513 ng/ul	97
41) 1,1'-Biphenyl	13.57	154	281503	20.054 ng/ul	98
42) 2-Chloronaphthalene	13.61	162	220187	19.583 ng/ul	97
43) 2-Nitroaniline	13.80	65	72612	24.382 ng/ul	93
45) Dimethylphthalate	14.18	163	280400	19.870 ng/ul	99
46) 2,6-Dinitrotoluene	14.30	165	58477	23.416 ng/ul	100
48) Acenaphthylene	14.46	152	332043	20.356 ng/ul	99
49) 3-Nitroaniline	14.62	138	55591	22.350 ng/ul	98
50) Acenaphthene	14.80	153	226722	19.531 ng/ul	99
51) 2,4-Dinitrophenol	14.83	184	32364	21.579 ng/ul#	89
53) 4-Nitrophenol	14.91	109	54616	23.191 ng/ul	91
54) Dibenzofuran	15.13	168	351402	20.603 ng/ul	99
55) 2,4-Dinitrotoluene	15.08	165	85528	24.755 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.35	232	88462	22.629 ng/ul	94
57) Diethylphthalate	15.54	149	283239	20.087 ng/ul	98
59) Fluorene	15.78	166	276979	19.998 ng/ul	90
60) 4-Chlorophenyl-phenylether	15.77	204	159819	20.046 ng/ul	97
61) 4-Nitroaniline	15.78	138	59976	21.931 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.84	198	49223	20.169 ng/ul#	88
65) N-Nitrosodiphenylamine	15.98	169	257215	20.087 ng/ul	97
66) 4-Bromophenyl-phenylether	16.67	248	107228	19.304 ng/ul	94
67) Hexachlorobenzene	16.78	284	115749	24.173 ng/ul	97
68) Atrazine	16.92	200	107028	20.177 ng/ul	97
69) Pentachlorophenol	17.12	266	74404	21.254 ng/ul	96
70) Phenanthrene	17.52	178	481316	19.792 ng/ul	98
72) Anthracene	17.61	178	484570	19.667 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	139294	20.293 ng/uL	99
74) Pentachlorobenzene	15.05	250	137401	19.700 ng/uL	93
75) Carbazole	17.88	167	427794	21.783 ng/ul	96
76) Di-n-butylphthalate	18.43	149	490596	20.142 ng/ul	99
77) Fluoranthene	19.52	202	615731	21.322 ng/ul	99
80) Pyrene	19.89	202	606586	19.828 ng/ul	98
81) Butylbenzylphthalate	20.77	149	226863	21.277 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.64	252	230466	20.704 ng/ul	96
83) Benzo(a)anthracene	21.73	228	616397	19.793 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	320496	20.214 ng/ul	99
85) Chrysene	21.80	228	591270	19.572 ng/ul	97
87) Di-n-octyl phthalate	22.88	149	559748	20.494 ng/ul	100
88) Benzo(b)fluoranthene	23.98	252	620960	18.823 ng/ul	98
89) Benzo(k)fluoranthene	24.05	252	603244	18.760 ng/ul	99
91) Benzo(a)pyrene	24.87	252	540883	17.950 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.75	276	697259	18.860 ng/ul	97
93) Dibenzo(a,h)anthracene	28.82	278	579712	18.925 ng/ul	99
94) Benzo(g,h,i)perylene	29.92	276	572652	18.488 ng/ul	98

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

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