Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029372.D
Acq On : 07 Apr 2021 15:55
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Apr 07 16:38:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 07 13:16:43 2021
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02008

Manual Integrations APPROVED
mohammad
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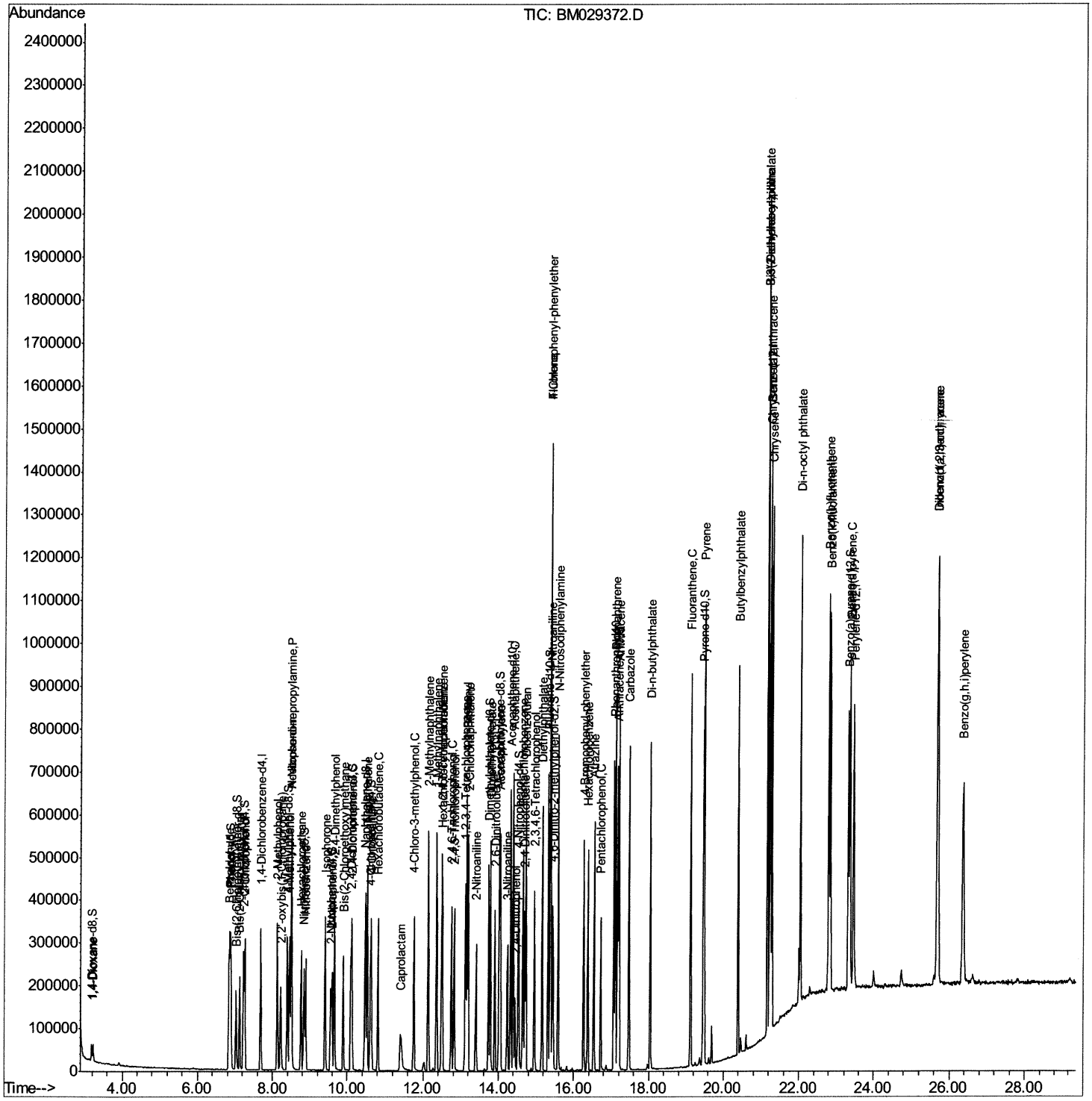

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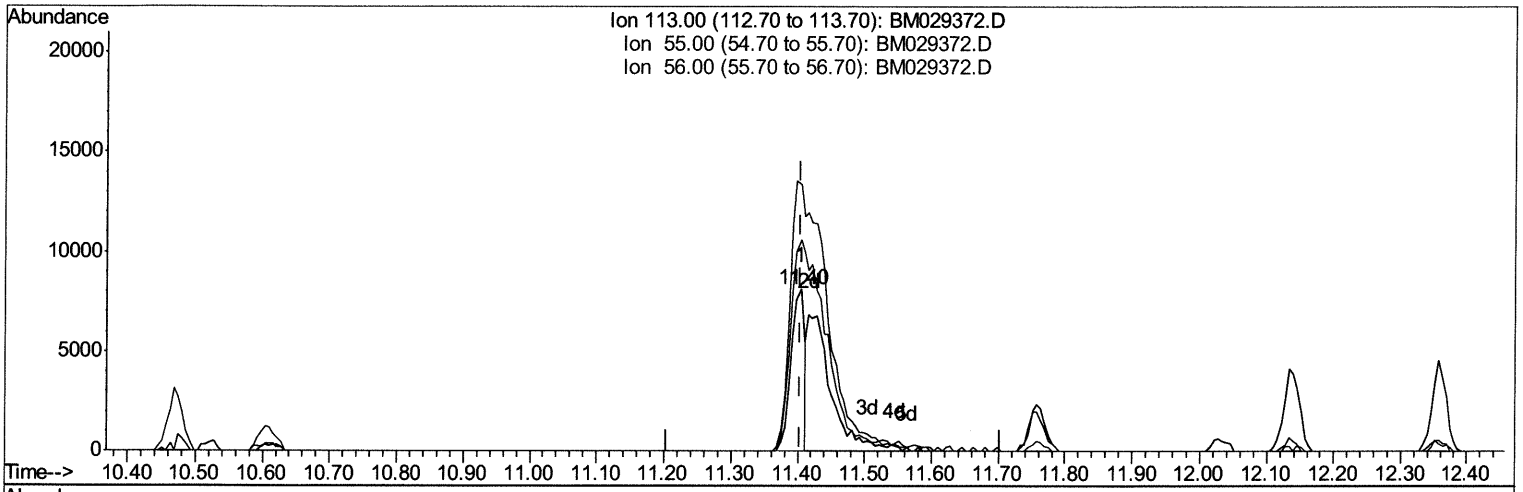

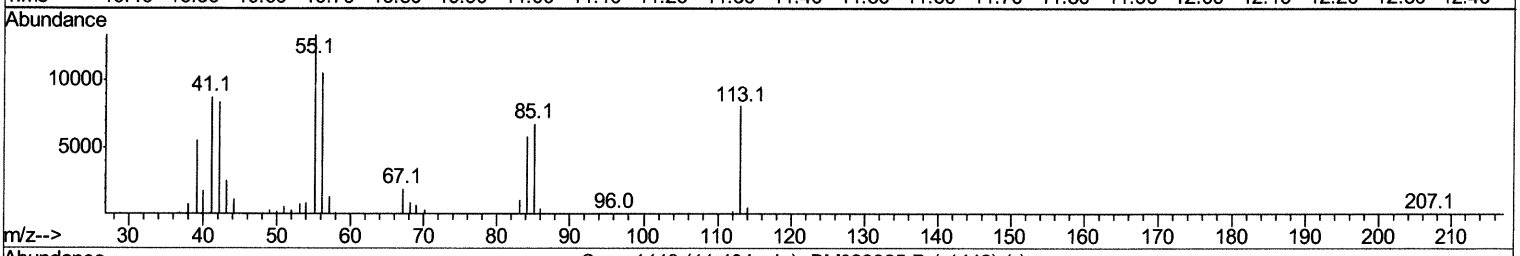

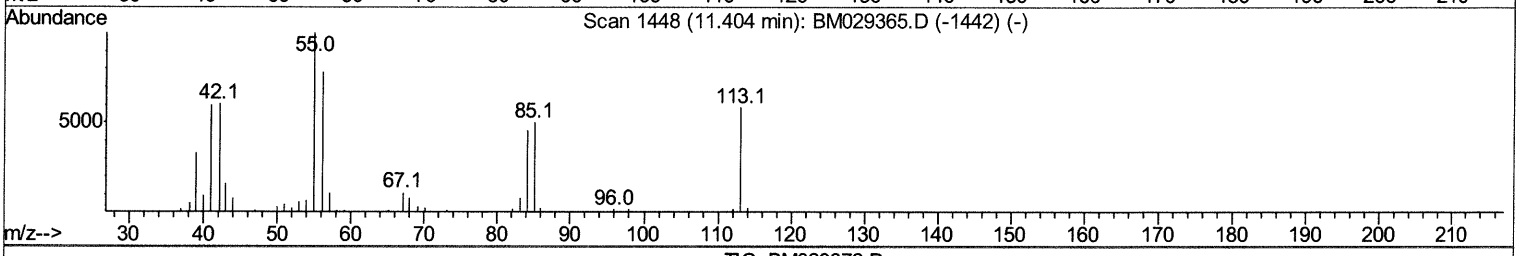

TIC: BM029372.D

(32) Caprolactam

11.404min (-0.000) 8.15ng/ul

response 11231

Ion	Exp%	Act%
113.00	100	100
55.00	173.60	164.81
56.00	135.40	130.50
0.00	0.00	0.00

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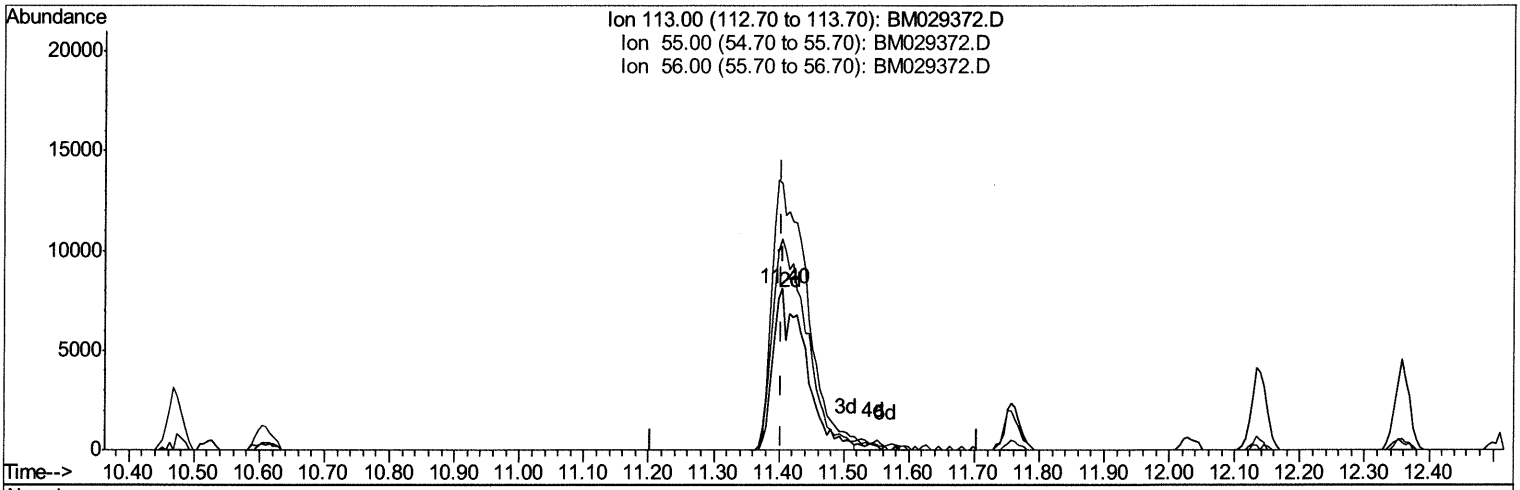

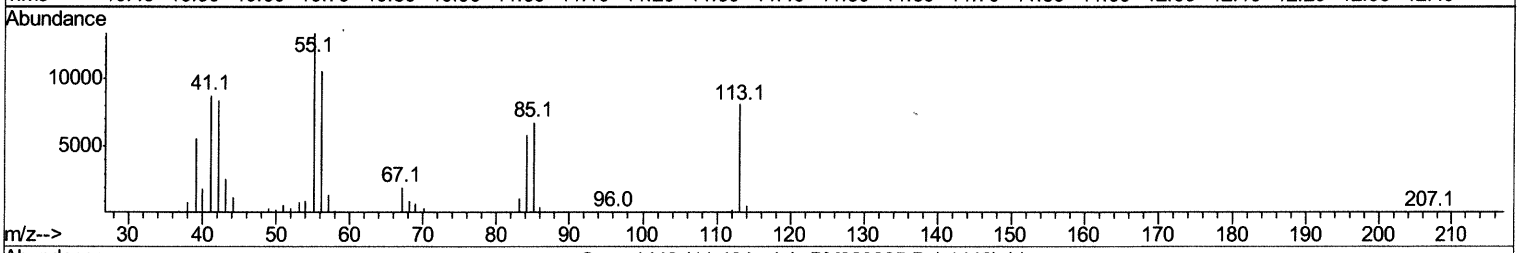

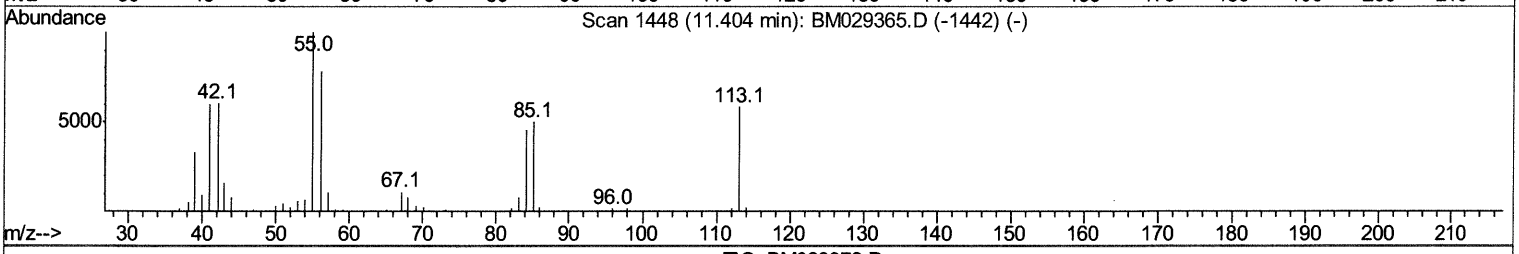

TIC: BM029372.D

(32) Caprolactam

11.404min (-0.000) 20.19ng/ul m 04/12/2021

response 27822

Ion	Exp%	Act%
113.00	100	100
55.00	173.60	164.81
56.00	135.40	130.50
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	7.69	152	76505	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	313921	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	193377	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	380797	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	384062	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	395215	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	17380	8.67	ng/uL	0.00
5) Phenol-d5	6.86	99	134778	21.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	84299	20.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	103871	21.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	102695	20.79	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	45654	21.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	47498	20.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	97295	20.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	130861	23.13	ng/ul	0.00
44) Dimethylphthalate-d6	13.74	166	282921	20.43	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	359597	20.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	49568	19.51	ng/ul	0.00
58) Fluorene-d10	15.32	176	238404	20.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.44	200	38816	17.93	ng/ul	0.00
71) Anthracene-d10	17.16	188	358124	20.69	ng/ul	0.00
79) Pyrene-d10	19.46	212	383846	20.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	416173	20.64	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	18414	8.755	ng/uL	95
4) Benzaldehyde	6.84	77	89153	25.123	ng/ul	97
6) Phenol	6.89	94	141723	20.725	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.12	93	109037	21.037	ng/ul	98
10) 2-Chlorophenol	7.26	128	111751	21.509	ng/ul	97
11) 2-Methylphenol	8.13	108	100454	20.700	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.22	45	164354	21.562	ng/ul	99
14) Acetophenone	8.51	105	168806	20.902	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.50	70	93036	21.601	ng/ul	97
16) 4-Methylphenol	8.46	108	109835	20.758	ng/ul	94
17) Hexachloroethane	8.76	117	48548	21.485	ng/ul	95
20) Nitrobenzene	8.89	77	140457	21.276	ng/ul	99
21) Isophorone	9.41	82	231934	21.320	ng/ul	99
23) 2-Nitrophenol	9.59	139	55259	21.185	ng/ul	97
24) 2,4-Dimethylphenol	9.66	107	127146	21.181	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.89	93	142393	21.284	ng/ul	100
27) 2,4-Dichlorophenol	10.12	162	100737	21.594	ng/ul	98
28) Naphthalene	10.52	128	345934	21.137	ng/ul	99
30) 4-Chloroaniline	10.63	127	137209	23.290	ng/ul	98
31) Hexachlorobutadiene	10.81	225	60079	20.811	ng/ul	97
32) Caprolactam	11.40	113	27822m >	20.189	ng/ul >	04/12/21JU
33) 4-Chloro-3-methylphenol	11.76	107	107776	21.918	ng/ul	99
34) 2-Methylnaphthalene	12.14	142	239567	21.220	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.36	142	231037	21.024	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.51	216	108775	19.625	ng/ul	98
38) Hexachlorocyclopentadiene	12.49	237	65643	18.377	ng/ul	96
39) 2,4,6-Trichlorophenol	12.75	196	71402	20.506	ng/ul	99
40) 2,4,5-Trichlorophenol	12.82	196	79517	21.074	ng/ul	99
41) 1,1'-Biphenyl	13.16	154	305829	20.089	ng/ul	99
42) 2-Chloronaphthalene	13.20	162	237694	20.351	ng/ul	99
43) 2-Nitroaniline	13.40	65	75009	20.866	ng/ul	99
45) Dimethylphthalate	13.79	163	298492	20.964	ng/ul	99
46) 2,6-Dinitrotoluene	13.90	165	55891	21.310	ng/ul	96
48) Acenaphthylene	14.05	152	350239	20.493	ng/ul	99
49) 3-Nitroaniline	14.23	138	58125	21.528	ng/ul	93
50) Acenaphthene	14.39	153	258246	20.284	ng/ul	95
51) 2,4-Dinitrophenol	14.44	184	27086	17.210	ng/ul	92
53) 4-Nitrophenol	14.54	109	54199	21.246	ng/ul	100
54) Dibenzofuran	14.73	168	355597	20.444	ng/ul	99
55) 2,4-Dinitrotoluene	14.69	165	83488	21.654	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.95	232	62787	21.255	ng/ul	98
57) Diethylphthalate	15.16	149	310441	21.253	ng/ul	100
59) Fluorene	15.37	166	301775	20.629	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.37	204	138966	20.267	ng/ul	98
61) 4-Nitroaniline	15.39	138	65114	21.187	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.45	198	44255	19.633	ng/ul	97
65) N-Nitrosodiphenylamine	15.59	169	258390	21.383	ng/ul	98
66) 4-Bromophenyl-phenylether	16.27	248	77681	21.358	ng/ul	96
67) Hexachlorobenzene	16.38	284	87155	21.168	ng/ul	92
68) Atrazine	16.54	200	87898	20.280	ng/ul	99
69) Pentachlorophenol	16.72	266	46025	19.088	ng/ul	96
70) Phenanthrene	17.11	178	465638	21.240	ng/ul	100
72) Anthracene	17.20	178	480381	21.351	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.12	216	108164	19.852	ng/uL	98
74) Pentachlorobenzene	14.64	250	103060	20.477	ng/uL	96
75) Carbazole	17.47	167	428623	21.039	ng/ul	100
76) Di-n-butylphthalate	18.04	149	513022	21.856	ng/ul	100
77) Fluoranthene	19.13	202	513401	20.689	ng/ul	98
80) Pyrene	19.49	202	550192	21.632	ng/ul	100
81) Butylbenzylphthalate	20.39	149	227122	22.107	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.17	252	172067	20.855	ng/ul	97
83) Benzo(a)anthracene	21.23	228	522931	21.594	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	369310	22.038	ng/ul#	99
85) Chrysene	21.28	228	512342	21.637	ng/ul	99
87) Di-n-octyl phthalate	22.04	149	615424	19.738	ng/ul	100
88) Benzo(b)fluoranthene	22.79	252	542653	21.329	ng/ul	99
89) Benzo(k)fluoranthene	22.83	252	523408	20.952	ng/ul	99
91) Benzo(a)pyrene	23.36	252	485302	21.502	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.69	276	625413	21.172	ng/ul	97
93) Dibenzo(a,h)anthracene	25.69	278	526345	21.205	ng/ul	98
94) Benzo(g,h,i)perylene	26.36	276	508876	21.210	ng/ul	100

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

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