

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021915\
 Data File : BGTEST04.D
 Acq On : 20 Feb 2015 12:07
 Operator : TP/IZ
 Sample : MDL-08-S-ML
 Misc : MDL-SOIL-3PPM-SOM0-ML
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Feb 20 14:11:34 2015

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM01.2-EPA-MA-BG021915.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Feb 20 05:38:39 2015

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	90914	20.00	ng/ul	0.00
16) Naphthalene-d8	10.60	136	420889	20.00	ng/ul	0.00
33) Acenaphthene-d10	14.43	164	255596	20.00	ng/ul	0.00
59) Phenanthrene-d10	17.17	188	540788	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	561133	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	553925	20.00	ng/ul	0.00

System Monitoring Compounds

3) Phenol-d5	6.97	99	407593	47.12	ng/ul	0.00
5) Bis-(2-Chloroethyl)ether-d	7.14	67	253681	49.66	ng/ul	0.00
7) 2-Chlorophenol-d4	7.34	132	314107	49.09	ng/ul	0.00
11) 4-Methylphenol-d8	8.50	113	313107	48.91	ng/ul	0.00
17) Nitrobenzene-d5	8.96	128	161802	54.39	ng/ul	0.00
20) 2-Nitrophenol-d4	9.68	143	150182	54.73	ng/ul	0.00
24) 2,4-Dichlorophenol-d3	10.21	165	270438	45.43	ng/ul	0.00
27) 4-Chloroaniline-d4	10.73	131	492382	75.09	ng/ul	0.00
41) Dimethylphthalate-d6	13.84	166	891813	52.19	ng/ul	0.00
44) Acenaphthylene-d8	14.13	160	1151304	47.61	ng/ul	0.00
49) 4-Nitrophenol-d4	14.62	143	157399	45.81	ng/ul	0.00
55) Fluorene-d10	15.42	176	838390	48.81	ng/ul	0.00
60) 4,6-Dinitro-2-methylphenol	15.54	200	72876	34.95	ng/ul	0.00
68) Anthracene-d10	17.27	188	1252448	48.83	ng/ul	0.00
76) Pyrene-d10	19.57	212	1323441	50.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	1266674	50.43	ng/ul	0.00

Target Compounds

						Qvalue
2) Benzaldehyde	6.97	77	241	0.04	ng/ul#	1
6) Bis(2-Chloroethyl)ether	7.24	93	1625	0.23	ng/ul	90
10) 2,2'-oxybis(1-Chloropropan	8.50	45	2042	0.22	ng/ul#	93
13) N-Nitroso-di-n-propylamine	8.55	70	56	0.01	ng/ul#	35
18) Nitrobenzene	8.97	77	911	0.13	ng/ul#	36
19) Isophorone	9.68	82	8412	0.55	ng/ul#	63
26) Naphthalene	10.74	128	546	0.02	ng/ul#	1
34) 1,2,4,5-Tetrachlorobenzene	12.62	216	413	0.06	ng/ul#	25
42) Dimethylphthalate	13.84	163	845	0.05	ng/ul#	1
43) 2,6-Dinitrotoluene	13.87	165	314	0.10	ng/ul#	36
50) 4-Nitrophenol	14.75	109	1773	0.89	ng/ul#	1
56) Fluorene	15.42	166	2344	0.12	ng/ul#	10
58) 4-Nitroaniline	15.54	138	147	0.03	ng/ul#	1
61) 4,6-Dinitro-2-methylphenol	15.54	198	220	0.10	ng/ul#	1
62) N-Nitrosodiphenylamine	15.54	169	272	0.02	ng/ul#	1
67) Phenanthrene	17.17	178	137	0.00	ng/ul#	1
69) Anthracene	17.27	178	542	0.02	ng/ul#	1
70) 1,2,3,4-Tetrachlorobenzene	13.23	216	21182	3.08	ng/uL	95
71) Pentachlorobenzene	14.75	250	43051	6.39	ng/uL	99
73) Di-n-butylphthalate	18.14	149	273	0.01	ng/ul#	78
77) Pyrene	19.57	202	1943	0.06	ng/ul#	1
80) Benzo(a)anthracene	21.35	228	1258	0.04	ng/ul#	69
81) Bis(2-ethylhexyl)phthalate	21.34	149	61	0.00	ng/ul#	1
82) Chrysene	21.35	228	1258	0.04	ng/ul#	66

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Di-n-octyl phthalate	22.19	149	170	0.01	ng/ul	100
86) Benzo(k)fluoranthene	23.11	252	56	0.00	ng/ul#	1
88) Benzo(a)pyrene	23.65	252	2082	0.07	ng/ul	97
91) Benzo(g,h,i)perylene	26.73	276	132	0.00	ng/ul#	48

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

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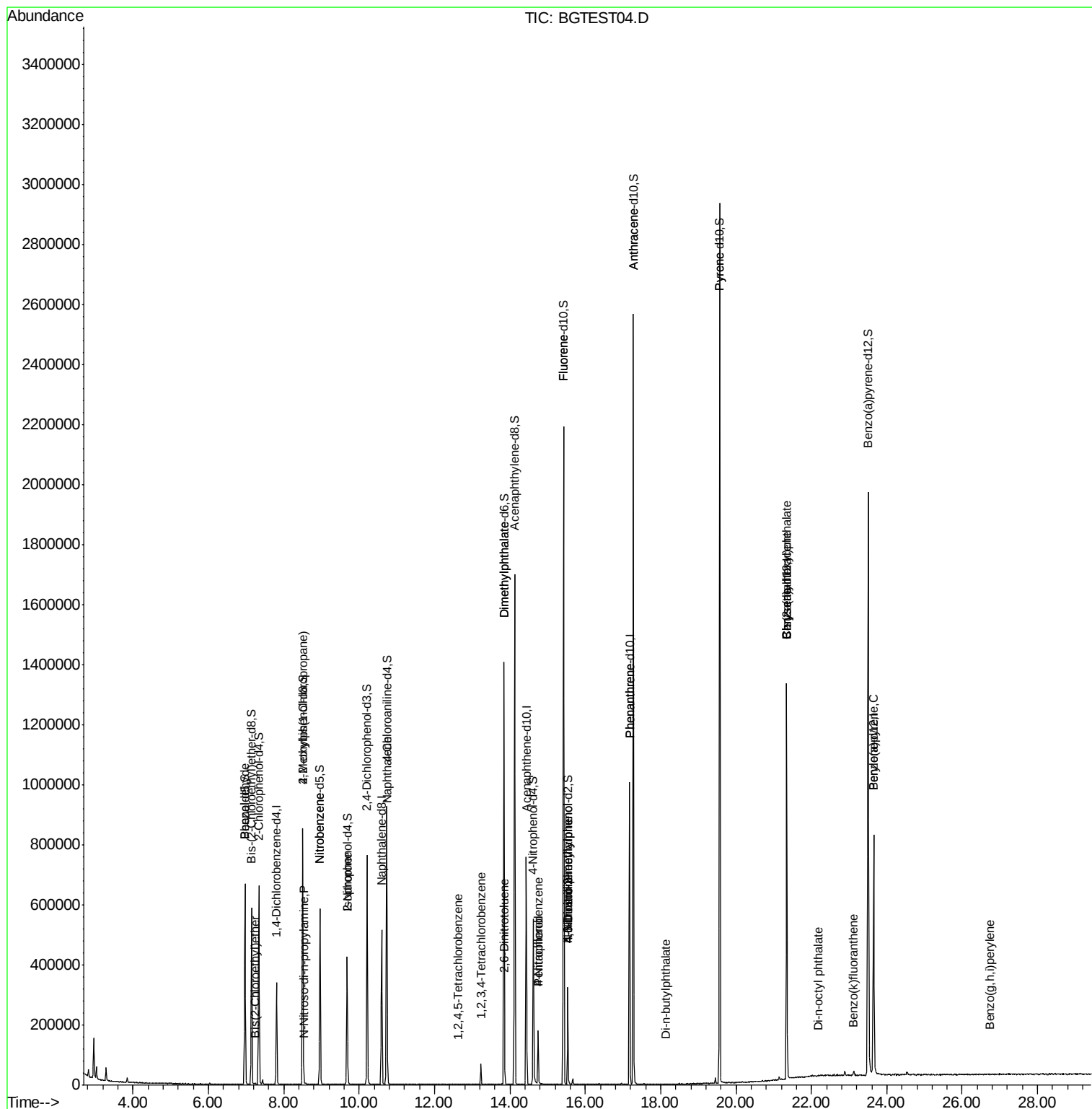
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TIC: BGTEST04.D

Time-->

DM01.2-EPA-MA-BG021915.M Fri Feb 20 14:03:02 2015

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