

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071415\
 Data File : BG017873.D
 Acq On : 15 Jul 2015 00:18
 Operator : TP/UM
 Sample : MDL-06-S
 Misc : MDL-SOIL-SVOC-4PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 MDL-06-S

Manual Integrations
 APPROVED

apatel
 7/16/2015 8:18:42 AM

Quant Time: Jul 15 07:11:38 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 15 02:46:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	61841	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	275668	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	155273	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	315894	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	320101	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	292935	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	9794	5.67	ng/uL	0.00
5) Phenol-d5	6.77	99	164281	30.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	113658	31.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	129247	31.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	122950	30.07	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	69190	32.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	50300	31.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	99438	30.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	185166	38.82	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	354466	32.74	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	464609	33.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	55129	26.98	ng/ul	0.00
57) Fluorene-d10	15.24	176	336733	33.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	24306	16.44	ng/ul	0.00
70) Anthracene-d10	17.10	188	497382	34.74	ng/ul	0.00
78) Pyrene-d10	19.40	212	539461	35.79	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	474057	33.02	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.16	88	895	0.48 ng/uL#	80
4) Benzaldehyde	6.74	77	12699	4.07 ng/ul	93
6) Phenol	6.79	94	15583	2.66 ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.03	93	14789	3.10 ng/ul	95
10) 2-Chlorophenol	7.15	128	11593	2.77 ng/ul#	94
11) 2-Methylphenol	8.03	108	9935	2.34 ng/ul	84
12) 2,2'-oxybis(1-Chloropropan	8.12	45	19070	2.75 ng/ul	97
14) Acetophenone	8.41	105	18361	2.70 ng/ul	97
15) N-Nitroso-di-n-propylamine	8.39	70	11559	2.76 ng/ul	90
16) 4-Methylphenol	8.35	108	11868	2.56 ng/ul	89
17) Hexachloroethane	8.66	117	6241	3.12 ng/ul#	78
20) Nitrobenzene	8.78	77	16329	2.88 ng/ul	94
21) Isophorone	9.30	82	29918	2.82 ng/ul#	93
23) 2-Nitrophenol	9.49	139	4768	2.49 ng/ul	98
24) 2,4-Dimethylphenol	9.55	107	12863	2.62 ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.79	93	16570	2.78 ng/ul	98
27) 2,4-Dichlorophenol	10.02	162	8704	2.61 ng/ul	91
28) Naphthalene	10.42	128	40610	2.85 ng/ul#	96
30) 4-Chloroaniline	10.53	127	13335	2.69 ng/ul	100
31) Hexachlorobutadiene	10.71	225	6094	2.89 ng/ul	90
32) Caprolactam	11.30	113	3486m	1.42 ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	9025	2.20 ng/ul	85
34) 2-Methylnaphthalene	12.04	142	27038	2.79 ng/ul	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	11289	2.76	ng/ul#	92
37) Hexachlorocyclopentadiene	12.40	237	4231	1.99	ng/ul#	89
38) 2,4,6-Trichlorophenol	12.67	196	4794m	2.16	ng/ul	
39) 2,4,5-Trichlorophenol	12.73	196	5481m	2.27	ng/ul	
40) 1,1'-Biphenyl	13.07	154	33028	2.75	ng/ul	98
41) 2-Chloronaphthalene	13.11	162	26636	2.89	ng/ul	96
42) 2-Nitroaniline	13.32	65	5419	2.00	ng/ul#	82
44) Dimethylphthalate	13.71	163	31757	2.79	ng/ul#	94
45) 2,6-Dinitrotoluene	13.82	165	4623	2.23	ng/ul	87
47) Acenaphthylene	13.96	152	45584	2.93	ng/ul	97
48) 3-Nitroaniline	14.15	138	4391	1.86	ng/ul#	65
49) Acenaphthene	14.31	153	29312	2.80	ng/ul	95
50) 2,4-Dinitrophenol	14.36	184	283m	0.32	ng/ul	
52) 4-Nitrophenol	14.46	109	4150	2.40	ng/ul	89
53) Dibenzofuran	14.65	168	40517	2.94	ng/ul	95
54) 2,4-Dinitrotoluene	14.62	165	6779	2.28	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.88	232	3900	2.09	ng/ul#	94
56) Diethylphthalate	15.08	149	31607	2.70	ng/ul	95
58) Fluorene	15.30	166	33845	2.83	ng/ul	91
59) 4-Chlorophenyl-phenylether	15.30	204	14483	2.61	ng/ul	89
60) 4-Nitroaniline	15.32	138	6262	2.23	ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.38	198	2422	1.47	ng/ul#	91
64) N-Nitrosodiphenylamine	15.52	169	25751	2.68	ng/ul	97
65) 4-Bromophenyl-phenylether	16.19	248	8111	2.68	ng/ul	96
66) Hexachlorobenzene	16.30	284	9618	2.92	ng/ul	99
67) Atrazine	16.47	200	7309	2.22	ng/ul	93
68) Pentachlorophenol	16.65	266	2155m	1.32	ng/ul	
69) Phenanthrene	17.04	178	52460	3.01	ng/ul	98
71) Anthracene	17.13	178	55289	3.10	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	10715	2.67	ng/uL#	72
73) Pentachlorobenzene	14.56	250	12730	3.30	ng/uL#	85
74) Carbazole	17.40	167	44832	2.88	ng/ul	96
75) Di-n-butylphthalate	17.98	149	47927	2.45	ng/ul	98
76) Fluoranthene	19.06	202	53153	3.00	ng/ul#	95
79) Pyrene	19.43	202	64179	3.26	ng/ul	96
80) Butylbenzylphthalate	20.35	149	15743	1.98	ng/ul	86
81) 3,3'-Dichlorobenzidine	21.12	252	8656	1.80	ng/ul#	81
82) Benzo(a)anthracene	21.18	228	52960	3.00	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	19444	1.76	ng/ul#	93
84) Chrysene	21.23	228	49695	2.93	ng/ul	96
86) Di-n-octyl phthalate	22.00	149	26811	1.56	ng/ul	100
87) Benzo(b)fluoranthene	22.74	252	44462m	2.75	ng/ul	
88) Benzo(k)fluoranthene	22.79	252	43853	2.63	ng/ul#	94
90) Benzo(a)pyrene	23.32	252	48539	2.99	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.66	276	45316	2.61	ng/ul	96
92) Dibenzo(a,h)anthracene	25.67	278	35972	2.43	ng/ul	96
93) Benzo(g,h,i)perylene	26.34	276	39192	2.70	ng/ul#	84

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

