

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071415\
 Data File : BG017874.D
 Acq On : 15 Jul 2015 00:53
 Operator : TP/UM
 Sample : MDL-07-S
 Misc : MDL-SOIL-SVOC-4PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-07-S

Manual Integrations
 APPROVED

apatel
 7/16/2015 8:18:47 AM

Quant Time: Jul 15 07:15:14 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	62352	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	279423	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	153920	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	319678	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	325740	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	303168	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	8362	4.80	ng/uL	0.00
5) Phenol-d5	6.77	99	142769	26.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	98909	26.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	116263	27.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	108035	26.21	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	60254	27.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	45268	27.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	84080	25.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	164239	33.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	336925	31.40	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	425348	30.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	54826	27.07	ng/ul	0.00
57) Fluorene-d10	15.24	176	319789	32.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	33541	22.42	ng/ul	0.00
70) Anthracene-d10	17.09	188	505221	34.87	ng/ul	0.00
78) Pyrene-d10	19.40	212	561306	36.59	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	485839	32.69	ng/ul	0.00

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.16	88	2161	1.16	ng/uL#	59
4) Benzaldehyde	6.74	77	11783	3.74	ng/ul	93
6) Phenol	6.79	94	14817	2.51	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.02	93	13208	2.75	ng/ul	93
10) 2-Chlorophenol	7.15	128	10451	2.48	ng/ul	95
11) 2-Methylphenol	8.03	108	10183	2.38	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.13	45	19624	2.81	ng/ul#	94
14) Acetophenone	8.41	105	18157	2.65	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.39	70	10950	2.59	ng/ul	94
16) 4-Methylphenol	8.35	108	11704	2.51	ng/ul	91
17) Hexachloroethane	8.66	117	5500	2.73	ng/ul#	88
20) Nitrobenzene	8.78	77	15656	2.72	ng/ul	98
21) Isophorone	9.30	82	28549	2.65	ng/ul	99
23) 2-Nitrophenol	9.49	139	4860	2.50	ng/ul#	89
24) 2,4-Dimethylphenol	9.56	107	11649	2.34	ng/ul#	92
25) Bis(2-Chloroethoxy)methane	9.79	93	15817	2.61	ng/ul	96
27) 2,4-Dichlorophenol	10.01	162	8220	2.43	ng/ul#	79
28) Naphthalene	10.41	128	40556	2.80	ng/ul	97
30) 4-Chloroaniline	10.54	127	13622	2.71	ng/ul	98
31) Hexachlorobutadiene	10.71	225	5471	2.56	ng/ul	97
32) Caprolactam	11.31	113	3552m	1.43	ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	8692	2.09	ng/ul	93
34) 2-Methylnaphthalene	12.04	142	26074	2.66	ng/ul	100

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36) 1,2,4,5-Tetrachlorobenzene	12.42	216	10937	2.70	ng/ul#	78
37) Hexachlorocyclopentadiene	12.39	237	4187	1.99	ng/ul#	96
38) 2,4,6-Trichlorophenol	12.66	196	5265	2.40	ng/ul	98
39) 2,4,5-Trichlorophenol	12.73	196	5152	2.15	ng/ul	93
40) 1,1'-Biphenyl	13.07	154	33833	2.84	ng/ul	92
41) 2-Chloronaphthalene	13.10	162	25142	2.75	ng/ul	89
42) 2-Nitroaniline	13.32	65	5222	1.95	ng/ul#	72
44) Dimethylphthalate	13.70	163	35605	3.16	ng/ul#	96
45) 2,6-Dinitrotoluene	13.83	165	4376	2.13	ng/ul#	92
47) Acenaphthylene	13.96	152	44198	2.87	ng/ul	97
48) 3-Nitroaniline	14.15	138	5374	2.30	ng/ul	83
49) Acenaphthene	14.31	153	29477	2.84	ng/ul	95
50) 2,4-Dinitrophenol	14.36	184	1135	1.31	ng/ul#	81
52) 4-Nitrophenol	14.46	109	4570	2.66	ng/ul#	88
53) Dibenzofuran	14.64	168	40787	2.99	ng/ul	98
54) 2,4-Dinitrotoluene	14.61	165	7158	2.43	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.87	232	4097	2.22	ng/ul#	86
56) Diethylphthalate	15.08	149	35220	3.04	ng/ul	96
58) Fluorene	15.30	166	34757	2.93	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.30	204	15791	2.87	ng/ul	94
60) 4-Nitroaniline	15.32	138	6547	2.35	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.38	198	3577	2.14	ng/ul#	95
64) N-Nitrosodiphenylamine	15.51	169	28778	2.96	ng/ul	91
65) 4-Bromophenyl-phenylether	16.20	248	9206	3.00	ng/ul	90
66) Hexachlorobenzene	16.30	284	10029	3.01	ng/ul	91
67) Atrazine	16.47	200	9111	2.73	ng/ul#	93
68) Pentachlorophenol	16.65	266	2881	1.75	ng/ul#	61
69) Phenanthrene	17.04	178	58194	3.30	ng/ul	98
71) Anthracene	17.13	178	61371	3.40	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	10711	2.63	ng/uL	93
73) Pentachlorobenzene	14.56	250	12317	3.16	ng/uL	91
74) Carbazole	17.40	167	53019	3.36	ng/ul	97
75) Di-n-butylphthalate	17.98	149	55070	2.78	ng/ul	100
76) Fluoranthene	19.06	202	62557	3.49	ng/ul	98
79) Pyrene	19.43	202	71907	3.59	ng/ul	99
80) Butylbenzylphthalate	20.35	149	16854	2.08	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.12	252	8834	1.81	ng/ul#	94
82) Benzo(a)anthracene	21.18	228	58361	3.25	ng/ul	95
83) Bis(2-ethylhexyl)phthalate	21.13	149	21488	1.91	ng/ul#	90
84) Chrysene	21.24	228	57294	3.32	ng/ul	98
86) Di-n-octyl phthalate	22.00	149	30377	1.71	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	47332	2.83	ng/ul	97
88) Benzo(k)fluoranthene	22.79	252	50561	2.93	ng/ul	96
90) Benzo(a)pyrene	23.32	252	54233	3.23	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.65	276	51956	2.89	ng/ul	93
92) Dibenzo(a,h)anthracene	25.67	278	42812m	2.80	ng/ul	
93) Benzo(g,h,i)perylene	26.34	276	44668	2.97	ng/ul	98

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

