

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
 Data File : BG017890.D
 Acq On : 15 Jul 2015 17:47
 Operator : TP/UM
 Sample : MDL-03-S-ML
 Misc : MDL-SOIL-SVOC-4PPM-MED LEVEL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-03-S-ML

Manual Integrations
 APPROVED

apatel
 7/16/2015 4:30:12 PM

Quant Time: Jul 16 02:28:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 16 01:50:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	74476	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	342554	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	210143	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	447118	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	450051	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	431475	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	11802	5.67	ng/uL	0.00
5) Phenol-d5	6.76	99	206023	32.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	127576	29.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	177832	35.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	170355	34.60	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	87230	32.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	73764	36.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	148255	36.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	260311	43.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	552563	37.71	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	698537	36.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	90862	32.86	ng/ul	0.00
57) Fluorene-d10	15.24	176	512471	37.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	47228	22.58	ng/ul	0.00
70) Anthracene-d10	17.09	188	772136	38.11	ng/ul	0.00
78) Pyrene-d10	19.40	212	856839	40.43	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	767191	36.27	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.15	88	1241	0.56 ng/uL#	59
4) Benzaldehyde	6.74	77	14128	3.76 ng/ul#	82
6) Phenol	6.79	94	20397	2.90 ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.02	93	17183	2.99 ng/ul#	96
10) 2-Chlorophenol	7.15	128	14841	2.94 ng/ul	96
11) 2-Methylphenol	8.03	108	13237	2.59 ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.13	45	22852	2.74 ng/ul#	94
14) Acetophenone	8.40	105	25670	3.13 ng/ul	93
15) N-Nitroso-di-n-propylamine	8.39	70	13855	2.74 ng/ul#	86
16) 4-Methylphenol	8.36	108	16357	2.93 ng/ul	81
17) Hexachloroethane	8.66	117	7090	2.95 ng/ul#	85
20) Nitrobenzene	8.78	77	18655	2.65 ng/ul	91
21) Isophorone	9.30	82	37980	2.88 ng/ul#	96
23) 2-Nitrophenol	9.48	139	7600	3.19 ng/ul	97
24) 2,4-Dimethylphenol	9.55	107	17871	2.93 ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.79	93	21488	2.90 ng/ul#	96
27) 2,4-Dichlorophenol	10.01	162	14396	3.47 ng/ul	94
28) Naphthalene	10.42	128	57015	3.22 ng/ul	99
30) 4-Chloroaniline	10.53	127	20937	3.40 ng/ul	95
31) Hexachlorobutadiene	10.71	225	8640	3.30 ng/ul	88
32) Caprolactam	11.31	113	5800m	1.91 ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	14320	2.81 ng/ul#	97
34) 2-Methylnaphthalene	12.04	142	41038	3.41 ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	17390	3.14	ng/ul	90
37) Hexachlorocyclopentadiene	12.40	237	6188	2.15	ng/ul#	88
38) 2,4,6-Trichlorophenol	12.66	196	8029m	2.68	ng/ul	
39) 2,4,5-Trichlorophenol	12.72	196	9706m	2.97	ng/ul	
40) 1,1'-Biphenyl	13.07	154	51856	3.19	ng/ul#	95
41) 2-Chloronaphthalene	13.11	162	41398	3.32	ng/ul	92
42) 2-Nitroaniline	13.32	65	6756	1.84	ng/ul	91
44) Dimethylphthalate	13.71	163	55814	3.63	ng/ul	98
45) 2,6-Dinitrotoluene	13.83	165	6738	2.40	ng/ul	97
47) Acenaphthylene	13.96	152	69636	3.31	ng/ul	95
48) 3-Nitroaniline	14.15	138	7401	2.32	ng/ul#	65
49) Acenaphthene	14.31	153	46357	3.27	ng/ul	98
50) 2,4-Dinitrophenol	14.36	184	906	0.77	ng/ul#	88
52) 4-Nitrophenol	14.46	109	6650	2.84	ng/ul	93
53) Dibenzofuran	14.65	168	63897	3.43	ng/ul	88
54) 2,4-Dinitrotoluene	14.61	165	9640	2.40	ng/ul#	75
55) 2,3,4,6-Tetrachlorophenol	14.88	232	6673	2.64	ng/ul#	87
56) Diethylphthalate	15.08	149	53659	3.39	ng/ul	99
58) Fluorene	15.30	166	54757	3.38	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.30	204	24617	3.27	ng/ul	97
60) 4-Nitroaniline	15.32	138	9606	2.52	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.38	198	5010	2.15	ng/ul#	87
64) N-Nitrosodiphenylamine	15.51	169	42024	3.09	ng/ul	99
65) 4-Bromophenyl-phenylether	16.19	248	13910	3.24	ng/ul#	81
66) Hexachlorobenzene	16.30	284	16458	3.53	ng/ul#	92
67) Atrazine	16.47	200	14251	3.05	ng/ul	95
68) Pentachlorophenol	16.65	266	4018	1.74	ng/ul#	87
69) Phenanthrene	17.04	178	84892	3.44	ng/ul	99
71) Anthracene	17.13	178	87305	3.45	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	17265	3.03	ng/uL	93
73) Pentachlorobenzene	14.57	250	19859	3.64	ng/uL	94
74) Carbazole	17.40	167	74814	3.39	ng/ul	96
75) Di-n-butylphthalate	17.98	149	85826	3.10	ng/ul	98
76) Fluoranthene	19.07	202	93252	3.72	ng/ul#	95
79) Pyrene	19.43	202	105313	3.80	ng/ul	97
80) Butylbenzylphthalate	20.35	149	27730	2.48	ng/ul	89
81) 3,3'-Dichlorobenzidine	21.12	252	16056	2.38	ng/ul	96
82) Benzo(a)anthracene	21.18	228	87297	3.51	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.14	149	37572	2.42	ng/ul	98
84) Chrysene	21.24	228	85522	3.59	ng/ul	99
86) Di-n-octyl phthalate	22.01	149	56647	2.24	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	78942	3.32	ng/ul	96
88) Benzo(k)fluoranthene	22.79	252	74666	3.04	ng/ul	97
90) Benzo(a)pyrene	23.32	252	79772	3.34	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.67	276	78058	3.05	ng/ul	95
92) Dibenzo(a,h)anthracene	25.68	278	65336	3.00	ng/ul	94
93) Benzo(g,h,i)perylene	26.35	276	66611	3.11	ng/ul	94

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

