

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
 Data File : BG017902.D
 Acq On : 16 Jul 2015 2:31
 Operator : TP/UM
 Sample : MDL-07-W
 Misc : MDL-WATER-SVOC-8PPM
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 MDL-07-W

Manual Integrations
 APPROVED

apatel
 7/16/2015 4:37:55 PM

Quant Time: Jul 16 04:02:33 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 16 03:39:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	84783	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	376757	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	226985	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	480778	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	493135	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	453158	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	12544	5.29	ng/uL	0.00
5) Phenol-d5	6.76	99	223386	30.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	132926	26.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	194226	34.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	183017	32.65	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	95224	32.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	88368	40.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	167298	36.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	274095	42.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	564520	35.67	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	717916	34.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	98655	33.03	ng/ul	0.00
57) Fluorene-d10	15.24	176	526025	35.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	54464	24.21	ng/ul	0.00
70) Anthracene-d10	17.09	188	793075	36.40	ng/ul	0.00
78) Pyrene-d10	19.40	212	862373	37.13	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	782756	35.24	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.15	88	3079	1.21 ng/uL#	88
4) Benzaldehyde	6.74	77	29996	7.00 ng/ul	85
6) Phenol	6.79	94	46366	5.78 ng/ul	93
8) Bis(2-Chloroethyl)ether	7.02	93	38710	5.92 ng/ul	95
10) 2-Chlorophenol	7.15	128	37070	6.46 ng/ul#	86
11) 2-Methylphenol	8.03	108	33065	5.67 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.13	45	46436	4.88 ng/ul	99
14) Acetophenone	8.40	105	56348	6.04 ng/ul#	87
15) N-Nitroso-di-n-propylamine	8.39	70	29129	5.07 ng/ul#	81
16) 4-Methylphenol	8.36	108	37012	5.83 ng/ul	97
17) Hexachloroethane	8.65	117	15658	5.72 ng/ul#	81
20) Nitrobenzene	8.77	77	42196	5.44 ng/ul#	87
21) Isophorone	9.30	82	81794	5.64 ng/ul#	89
23) 2-Nitrophenol	9.49	139	19285	7.36 ng/ul#	85
24) 2,4-Dimethylphenol	9.55	107	40579	6.05 ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.79	93	46406	5.69 ng/ul	98
27) 2,4-Dichlorophenol	10.01	162	31563	6.91 ng/ul	94
28) Naphthalene	10.41	128	127444	6.54 ng/ul	98
30) 4-Chloroaniline	10.53	127	48583	7.17 ng/ul	98
31) Hexachlorobutadiene	10.70	225	20562	7.14 ng/ul#	89
32) Caprolactam	11.31	113	12878m	3.85 ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	33823	6.04 ng/ul#	79
34) 2-Methylnaphthalene	12.04	142	88910	6.72 ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	39787	6.66	ng/ul#	89
37) Hexachlorocyclopentadiene	12.40	237	16695	5.38	ng/ul#	98
38) 2,4,6-Trichlorophenol	12.66	196	19853	6.13	ng/ul	90
39) 2,4,5-Trichlorophenol	12.73	196	22993	6.51	ng/ul	88
40) 1,1'-Biphenyl	13.07	154	115443	6.57	ng/ul#	96
41) 2-Chloronaphthalene	13.10	162	90246	6.69	ng/ul	95
42) 2-Nitroaniline	13.32	65	19604	4.96	ng/ul	87
44) Dimethylphthalate	13.70	163	114631	6.90	ng/ul#	97
45) 2,6-Dinitrotoluene	13.83	165	17778	5.87	ng/ul	97
47) Acenaphthylene	13.96	152	149425	6.57	ng/ul	97
48) 3-Nitroaniline	14.15	138	20052	5.81	ng/ul#	79
49) Acenaphthene	14.30	153	97673	6.39	ng/ul	99
50) 2,4-Dinitrophenol	14.36	184	2752	2.16	ng/ul#	72
52) 4-Nitrophenol	14.46	109	13285m	5.25	ng/ul	
53) Dibenzofuran	14.64	168	135912	6.75	ng/ul	94
54) 2,4-Dinitrotoluene	14.61	165	25781	5.94	ng/ul#	79
55) 2,3,4,6-Tetrachlorophenol	14.87	232	17300	6.34	ng/ul#	88
56) Diethylphthalate	15.08	149	117636	6.87	ng/ul	99
58) Fluorene	15.30	166	115708	6.61	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.30	204	55634	6.85	ng/ul	95
60) 4-Nitroaniline	15.31	138	25108	6.11	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.38	198	11916	4.75	ng/ul#	87
64) N-Nitrosodiphenylamine	15.51	169	95417	6.52	ng/ul	98
65) 4-Bromophenyl-phenylether	16.19	248	32783	7.11	ng/ul	85
66) Hexachlorobenzene	16.30	284	35050	7.00	ng/ul	91
67) Atrazine	16.47	200	31871	6.35	ng/ul	96
68) Pentachlorophenol	16.65	266	10721	4.32	ng/ul	94
69) Phenanthrene	17.04	178	183562	6.91	ng/ul	98
71) Anthracene	17.13	178	186449	6.86	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	37467	6.12	ng/uL	95
73) Pentachlorobenzene	14.56	250	44359	7.56	ng/uL	94
74) Carbazole	17.40	167	163820	6.91	ng/ul	96
75) Di-n-butylphthalate	17.98	149	198282	6.67	ng/ul#	96
76) Fluoranthene	19.06	202	198411	7.36	ng/ul	95
79) Pyrene	19.43	202	219163	7.22	ng/ul	98
80) Butylbenzylphthalate	20.35	149	75138	6.12	ng/ul#	84
81) 3,3'-Dichlorobenzidine	21.12	252	43775	5.92	ng/ul#	96
82) Benzo(a)anthracene	21.18	228	191698	7.04	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	100881	5.93	ng/ul	97
84) Chrysene	21.23	228	186194	7.13	ng/ul	99
86) Di-n-octyl phthalate	22.00	149	158871	5.98	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	165566	6.62	ng/ul	98
88) Benzo(k)fluoranthene	22.79	252	187257m	7.27	ng/ul	
90) Benzo(a)pyrene	23.32	252	178060	7.09	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.65	276	181639	6.76	ng/ul	94
92) Dibenzo(a,h)anthracene	25.67	278	156357	6.84	ng/ul	94
93) Benzo(g,h,i)perylene	26.34	276	156701	6.97	ng/ul	96

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

