

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081715\
 Data File : BG018452.D
 Acq On : 17 Aug 2015 14:15
 Operator : UM/MA
 Sample : MDL-07-S
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-07-S

Manual Integrations
 APPROVED

MMDadoda
 8/18/2015 5:21:12 PM

Quant Time: Aug 18 02:28:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 18 01:30:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	103290	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	469705	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	308047	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	797265	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	796210	20.00	ng/ul	0.00
86) Perylene-d12	24.84	264	794033	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	16218	6.94	ng/uL	0.00
5) Phenol-d5	7.17	99	324532	34.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	206174	35.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	239850	33.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	275754	35.01	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	136022	37.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	137016	36.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	267936	33.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	380566	42.55	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	914393	35.28	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	1133060	34.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	184939	39.67	ng/ul	0.00
58) Fluorene-d10	15.63	176	801290	35.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	140090	35.72	ng/ul	0.00
71) Anthracene-d10	17.49	188	1316707	34.53	ng/ul	0.00
79) Pyrene-d10	19.77	212	1438707	34.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.63	264	1503816	35.67	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.48	88	2149m	0.86	ng/ul
4) Benzaldehyde	7.15	77	19361	3.52	ng/ul 94
6) Phenol	7.20	94	29250	3.06	ng/ul 96
8) Bis(2-Chloroethyl)ether	7.43	93	25374	3.45	ng/ul# 94
10) 2-Chlorophenol	7.59	128	21017	2.87	ng/ul 94
11) 2-Methylphenol	8.45	108	21908	2.95	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.55	45	29862	2.53	ng/ul# 95
14) Acetophenone	8.84	105	40208	3.53	ng/ul# 82
15) N-Nitroso-di-n-propylamine	8.81	70	19547	2.99	ng/ul# 95
16) 4-Methylphenol	8.77	108	23639	2.92	ng/ul 83
17) Hexachloroethane	9.11	117	8964	2.84	ng/ul 90
20) Nitrobenzene	9.21	77	27005	2.92	ng/ul 93
21) Isophorone	9.74	82	54555	3.07	ng/ul 99
23) 2-Nitrophenol	9.93	139	13175	3.18	ng/ul 97
24) 2,4-Dimethylphenol	9.99	107	26476	2.85	ng/ul 89
25) Bis(2-Chloroethoxy)methane	10.22	93	33397	3.01	ng/ul# 90
27) 2,4-Dichlorophenol	10.46	162	21847	2.95	ng/ul 95
28) Naphthalene	10.87	128	76576	3.08	ng/ul 97
30) 4-Chloroaniline	10.97	127	33801	3.72	ng/ul 90
31) Hexachlorobutadiene	11.16	225	13589	2.90	ng/ul 91
32) Caprolactam	11.76	113	10367m	3.47	ng/ul
33) 4-Chloro-3-methylphenol	12.09	107	25960	3.02	ng/ul 97
34) 2-Methylnaphthalene	12.47	142	57369	3.19	ng/ul 96

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37) 1,2,4,5-Tetrachlorobenzene	12.84	216	28374	2.87	ng/ul	97
38) Hexachlorocyclopentadiene	12.82	237	14576	2.48	ng/ul#	89
39) 2,4,6-Trichlorophenol	13.07	196	19066	2.83	ng/ul	87
40) 2,4,5-Trichlorophenol	13.15	196	19822	2.74	ng/ul	89
41) 1,1'-Biphenyl	13.48	154	76472	2.97	ng/ul	97
42) 2-Chloronaphthalene	13.52	162	57645	2.89	ng/ul	96
43) 2-Nitroaniline	13.71	65	18600	2.88	ng/ul	95
45) Dimethylphthalate	14.09	163	80659	3.16	ng/ul	99
46) 2,6-Dinitrotoluene	14.21	165	15287	3.00	ng/ul	96
48) Acenaphthylene	14.37	152	101731	3.11	ng/ul	98
49) 3-Nitroaniline	14.53	138	17147	3.30	ng/ul#	83
50) Acenaphthene	14.71	153	68764	2.99	ng/ul	93
51) 2,4-Dinitrophenol	14.74	184	5227	2.11	ng/ul	92
53) 4-Nitrophenol	14.84	109	13122	3.24	ng/ul	97
54) Dibenzofuran	15.04	168	96072	3.20	ng/ul	94
55) 2,4-Dinitrotoluene	14.99	165	23961	3.30	ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	15.26	232	17971	2.85	ng/ul#	90
57) Diethylphthalate	15.45	149	87119	3.21	ng/ul	97
59) Fluorene	15.69	166	82210	3.18	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.68	204	38692	3.17	ng/ul	89
61) 4-Nitroaniline	15.69	138	18999	3.31	ng/ul	87
64) 4,6-Dinitro-2-methylphenol	15.76	198	12873	3.08	ng/ul#	70
65) N-Nitrosodiphenylamine	15.89	169	69521	2.90	ng/ul	96
66) 4-Bromophenyl-phenylether	16.57	248	24939	2.89	ng/ul	92
67) Hexachlorobenzene	16.69	284	26429	2.90	ng/ul	94
68) Atrazine	16.83	200	28869	3.22	ng/ul	92
69) Pentachlorophenol	17.03	266	11399	1.87	ng/ul	96
70) Phenanthrene	17.43	178	136863	3.16	ng/ul	95
72) Anthracene	17.52	178	139640	3.17	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	27294	2.47	ng/uL	97
74) Pentachlorobenzene	14.96	250	29504	2.80	ng/uL	95
75) Carbazole	17.78	167	130345	3.37	ng/ul	99
76) Di-n-butylphthalate	18.34	149	166423	3.30	ng/ul	98
77) Fluoranthene	19.43	202	168599	3.65	ng/ul	99
80) Pyrene	19.79	202	173172	3.22	ng/ul	97
81) Butylbenzylphthalate	20.68	149	67335	2.96	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.54	252	53327	3.23	ng/ul#	95
83) Benzo(a)anthracene	21.62	228	157381	3.19	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	101938	3.17	ng/ul	99
85) Chrysene	21.69	228	141610	3.07	ng/ul	94
87) Di-n-octyl phthalate	22.74	149	173006	3.38	ng/ul	100
88) Benzo(b)fluoranthene	23.82	252	149670m	3.00	ng/ul	
89) Benzo(k)fluoranthene	23.89	252	144204	3.00	ng/ul	98
91) Benzo(a)pyrene	24.69	252	142526	3.00	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.47	276	161603m	2.94	ng/ul	
93) Dibenzo(a,h)anthracene	28.54	278	138196m	3.03	ng/ul	
94) Benzo(g,h,i)perylene	29.61	276	134834	2.93	ng/ul#	93

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

