

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081715\
 Data File : BG018450.D
 Acq On : 17 Aug 2015 12:58
 Operator : UM/MA
 Sample : MDL-05-S
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 MDL-05-S

Manual Integrations
 APPROVED

MMDadoda
 8/18/2015 5:21:02 PM

Quant Time: Aug 18 02:17:35 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	8.02	152	102328	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	482019	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	316043	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	802734	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	816825	20.00	ng/ul	0.00
86) Perylene-d12	24.84	264	804016	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	14237	6.15	ng/uL	0.00
5) Phenol-d5	7.18	99	325116	35.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	206098	35.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	238338	33.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	278278	35.66	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	134092	35.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	138266	36.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	259979	32.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	384369	41.88	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	942484	35.44	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	1130467	33.76	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	185227	38.73	ng/ul	0.00
58) Fluorene-d10	15.63	176	814224	35.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	143047	36.23	ng/ul	0.00
71) Anthracene-d10	17.49	188	1332861	34.72	ng/ul	0.00
79) Pyrene-d10	19.77	212	1455513	34.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.63	264	1551215	36.34	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.48	88	2604m	1.05	ng/ul
4) Benzaldehyde	7.15	77	21350	3.92	ng/ul 84
6) Phenol	7.20	94	28650	3.02	ng/ul 94
8) Bis(2-Chloroethyl)ether	7.43	93	24022	3.30	ng/ul 96
10) 2-Chlorophenol	7.58	128	21479	2.96	ng/ul 97
11) 2-Methylphenol	8.46	108	21208	2.89	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.55	45	32846	2.81	ng/ul# 87
14) Acetophenone	8.83	105	39995	3.55	ng/ul# 94
15) N-Nitroso-di-n-propylamine	8.82	70	22203	3.43	ng/ul 92
16) 4-Methylphenol	8.78	108	25086	3.13	ng/ul 94
17) Hexachloroethane	9.10	117	9169	2.93	ng/ul 88
20) Nitrobenzene	9.21	77	30982	3.27	ng/ul 98
21) Isophorone	9.74	82	62655	3.44	ng/ul 97
23) 2-Nitrophenol	9.93	139	14205	3.34	ng/ul 91
24) 2,4-Dimethylphenol	9.98	107	27403	2.88	ng/ul 96
25) Bis(2-Chloroethoxy)methane	10.22	93	36263	3.19	ng/ul 99
27) 2,4-Dichlorophenol	10.47	162	22482	2.95	ng/ul 95
28) Naphthalene	10.87	128	78498	3.08	ng/ul 100
30) 4-Chloroaniline	10.98	127	36797	3.94	ng/ul 94
31) Hexachlorobutadiene	11.16	225	14804	3.08	ng/ul# 83
32) Caprolactam	11.75	113	10796m	3.52	ng/ul
33) 4-Chloro-3-methylphenol	12.09	107	26964	3.06	ng/ul 96
34) 2-Methylnaphthalene	12.48	142	58561	3.17	ng/ul 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	30187	2.98	ng/ul	97
38) Hexachlorocyclopentadiene	12.82	237	15745	2.61	ng/ul#	77
39) 2,4,6-Trichlorophenol	13.07	196	19244	2.79	ng/ul	91
40) 2,4,5-Trichlorophenol	13.15	196	20793	2.80	ng/ul	88
41) 1,1'-Biphenyl	13.47	154	78967	2.99	ng/ul	99
42) 2-Chloronaphthalene	13.52	162	63581	3.10	ng/ul	96
43) 2-Nitroaniline	13.72	65	20664	3.12	ng/ul	90
45) Dimethylphthalate	14.09	163	84556	3.22	ng/ul#	95
46) 2,6-Dinitrotoluene	14.21	165	16149	3.09	ng/ul	96
48) Acenaphthylene	14.37	152	110966	3.30	ng/ul	98
49) 3-Nitroaniline	14.53	138	19828	3.72	ng/ul	87
50) Acenaphthene	14.71	153	73926	3.14	ng/ul	95
51) 2,4-Dinitrophenol	14.74	184	5988	2.35	ng/ul#	73
53) 4-Nitrophenol	14.84	109	13647	3.28	ng/ul	88
54) Dibenzofuran	15.04	168	103125	3.35	ng/ul	99
55) 2,4-Dinitrotoluene	15.00	165	25107	3.37	ng/ul#	86
56) 2,3,4,6-Tetrachlorophenol	15.26	232	19458	3.01	ng/ul#	96
57) Diethylphthalate	15.45	149	96875	3.48	ng/ul	96
59) Fluorene	15.69	166	91242	3.45	ng/ul#	94
60) 4-Chlorophenyl-phenylether	15.68	204	41210	3.29	ng/ul	98
61) 4-Nitroaniline	15.70	138	20345	3.46	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.75	198	13603	3.23	ng/ul#	53
65) N-Nitrosodiphenylamine	15.89	169	78961	3.27	ng/ul	90
66) 4-Bromophenyl-phenylether	16.57	248	26576	3.06	ng/ul	95
67) Hexachlorobenzene	16.69	284	30438	3.32	ng/ul	90
68) Atrazine	16.84	200	32090	3.55	ng/ul	92
69) Pentachlorophenol	17.03	266	14187	2.31	ng/ul	96
70) Phenanthrene	17.43	178	149495m	3.43	ng/ul	
72) Anthracene	17.52	178	152561	3.44	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	28383	2.56	ng/uL	96
74) Pentachlorobenzene	14.96	250	30959	2.92	ng/uL	91
75) Carbazole	17.78	167	141559	3.64	ng/ul	99
76) Di-n-butylphthalate	18.35	149	183210	3.60	ng/ul#	96
77) Fluoranthene	19.43	202	182664	3.93	ng/ul	97
80) Pyrene	19.80	202	193614	3.51	ng/ul	99
81) Butylbenzylphthalate	20.68	149	76091	3.26	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.54	252	62082	3.66	ng/ul	99
83) Benzo(a)anthracene	21.62	228	169386	3.34	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.54	149	110748	3.36	ng/ul#	98
85) Chrysene	21.69	228	154150	3.26	ng/ul	97
87) Di-n-octyl phthalate	22.75	149	190542	3.67	ng/ul	100
88) Benzo(b)fluoranthene	23.82	252	161095	3.19	ng/ul	98
89) Benzo(k)fluoranthene	23.89	252	160129	3.29	ng/ul	97
91) Benzo(a)pyrene	24.69	252	157980	3.29	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.48	276	176372m	3.17	ng/ul	
93) Dibenzo(a,h)anthracene	28.54	278	145516m	3.15	ng/ul	
94) Benzo(g,h,i)perylene	29.60	276	147655	3.16	ng/ul	97

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

