

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081715\
 Data File : BG018449.D
 Acq On : 17 Aug 2015 12:20
 Operator : UM/MA
 Sample : MDL-04-S
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-04-S

Manual Integrations
 APPROVED

MMDadoda
 8/18/2015 5:20:56 PM

Quant Time: Aug 18 02:13:22 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	96730	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	447529	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	299883	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	770708	20.00	ng/ul	0.00
78) Chrysene-d12	21.64	240	782889	20.00	ng/ul	0.00
86) Perylene-d12	24.84	264	767877	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	14403	6.58	ng/uL	0.00
5) Phenol-d5	7.17	99	309287	35.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	196811	36.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	229617	34.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	261929	35.51	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	126018	36.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	131694	37.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	256762	34.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	369530	43.36	ng/ul	0.00
44) Dimethylphthalate-d6	14.05	166	931095	36.90	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	1106704	34.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	187485	41.31	ng/ul	0.00
58) Fluorene-d10	15.63	176	800322	36.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	143022	37.73	ng/ul	0.00
71) Anthracene-d10	17.48	188	1332253	36.14	ng/ul	0.00
79) Pyrene-d10	19.76	212	1450874	35.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.63	264	1519279	37.27	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.48	88	2052m	0.88	ng/ul
4) Benzaldehyde	7.15	77	19174	3.72	ng/ul 93
6) Phenol	7.20	94	26089	2.91	ng/ul# 85
8) Bis(2-Chloroethyl)ether	7.43	93	22513	3.27	ng/ul 94
10) 2-Chlorophenol	7.58	128	19619	2.86	ng/ul 93
11) 2-Methylphenol	8.45	108	20173	2.91	ng/ul 94
12) 2,2'-oxybis(1-Chloropropan	8.55	45	29454	2.66	ng/ul# 95
14) Acetophenone	8.83	105	34242	3.21	ng/ul 90
15) N-Nitroso-di-n-propylamine	8.81	70	18970	3.10	ng/ul# 81
16) 4-Methylphenol	8.78	108	21557	2.84	ng/ul 93
17) Hexachloroethane	9.10	117	8514	2.88	ng/ul 93
20) Nitrobenzene	9.21	77	25760	2.93	ng/ul# 95
21) Isophorone	9.73	82	56926	3.36	ng/ul 98
23) 2-Nitrophenol	9.93	139	12053	3.06	ng/ul 98
24) 2,4-Dimethylphenol	9.99	107	24524	2.77	ng/ul 96
25) Bis(2-Chloroethoxy)methane	10.22	93	31870	3.02	ng/ul 96
27) 2,4-Dichlorophenol	10.46	162	21059	2.98	ng/ul 88
28) Naphthalene	10.87	128	71272	3.01	ng/ul 97
30) 4-Chloroaniline	10.97	127	32459	3.74	ng/ul 100
31) Hexachlorobutadiene	11.16	225	12427	2.79	ng/ul# 83
32) Caprolactam	11.75	113	9240m	3.25	ng/ul
33) 4-Chloro-3-methylphenol	12.09	107	26928	3.29	ng/ul 91
34) 2-Methylnaphthalene	12.47	142	54783	3.20	ng/ul 90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	27060	2.81	ng/ul#	86
38) Hexachlorocyclopentadiene	12.82	237	14624	2.55	ng/ul	87
39) 2,4,6-Trichlorophenol	13.07	196	17421	2.66	ng/ul	93
40) 2,4,5-Trichlorophenol	13.15	196	19890m	2.82	ng/ul	
41) 1,1'-Biphenyl	13.48	154	71767	2.87	ng/ul	97
42) 2-Chloronaphthalene	13.52	162	57036	2.93	ng/ul	95
43) 2-Nitroaniline	13.72	65	19462	3.10	ng/ul	86
45) Dimethylphthalate	14.09	163	76436	3.07	ng/ul	100
46) 2,6-Dinitrotoluene	14.21	165	14689	2.96	ng/ul#	96
48) Acenaphthylene	14.36	152	99118	3.11	ng/ul	97
49) 3-Nitroaniline	14.53	138	17088	3.38	ng/ul	94
50) Acenaphthene	14.71	153	66526	2.98	ng/ul	91
51) 2,4-Dinitrophenol	14.74	184	4864	2.01	ng/ul#	82
53) 4-Nitrophenol	14.85	109	11924	3.02	ng/ul#	83
54) Dibenzofuran	15.04	168	98415	3.37	ng/ul	97
55) 2,4-Dinitrotoluene	14.99	165	23060	3.26	ng/ul#	82
56) 2,3,4,6-Tetrachlorophenol	15.27	232	17836	2.91	ng/ul	99
57) Diethylphthalate	15.46	149	88749	3.36	ng/ul#	93
59) Fluorene	15.69	166	84722	3.37	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.68	204	36309	3.05	ng/ul	96
61) 4-Nitroaniline	15.69	138	19861	3.56	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.76	198	14498	3.59	ng/ul#	88
65) N-Nitrosodiphenylamine	15.89	169	70989	3.06	ng/ul	93
66) 4-Bromophenyl-phenylether	16.57	248	25262	3.03	ng/ul	91
67) Hexachlorobenzene	16.70	284	27408	3.11	ng/ul#	89
68) Atrazine	16.83	200	28510	3.28	ng/ul	92
69) Pentachlorophenol	17.03	266	13074	2.21	ng/ul#	86
70) Phenanthrene	17.43	178	142647	3.41	ng/ul	95
72) Anthracene	17.52	178	143823	3.38	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	25841	2.42	ng/uL	95
74) Pentachlorobenzene	14.96	250	26822	2.63	ng/uL	92
75) Carbazole	17.78	167	133397	3.57	ng/ul	96
76) Di-n-butylphthalate	18.35	149	169073	3.46	ng/ul	98
77) Fluoranthene	19.43	202	172396	3.86	ng/ul	97
80) Pyrene	19.79	202	173956	3.29	ng/ul	99
81) Butylbenzylphthalate	20.68	149	71396	3.19	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.54	252	56058	3.45	ng/ul	96
83) Benzo(a)anthracene	21.63	228	157831	3.25	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.54	149	103613	3.28	ng/ul	99
85) Chrysene	21.69	228	148922	3.28	ng/ul	96
87) Di-n-octyl phthalate	22.75	149	175646	3.55	ng/ul	100
88) Benzo(b)fluoranthene	23.82	252	155546	3.22	ng/ul	97
89) Benzo(k)fluoranthene	23.89	252	148754	3.20	ng/ul	98
91) Benzo(a)pyrene	24.69	252	142808	3.11	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.47	276	168189m	3.17	ng/ul	
93) Dibenzo(a,h)anthracene	28.54	278	135314	3.07	ng/ul#	93
94) Benzo(g,h,i)perylene	29.61	276	138070m	3.10	ng/ul	

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

