

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120417\
 Data File : BG031356.D
 Acq On : 4 Dec 2017 21:08
 Operator : SJ/JU
 Sample : I6308-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SA-06-120117MS

Manual Integrations
 APPROVED

Sohil
 12/5/2017 3:26:46 PM

Quant Time: Dec 05 05:34:56 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	72933	20.00	ng	-0.03
21) Naphthalene-d8	10.94	136	315723	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	216795	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	566316	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	627253	20.00	ng	-0.02
86) Perylene-d12	25.07	264	629877	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	542904	127.64	ng	-0.02
7) Phenol-d6	7.30	99	659821	115.15	ng	0.00
23) Nitrobenzene-d5	9.30	82	444310	83.39	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	372492	106.21	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1260533	83.55	ng	-0.02
78) Terphenyl-d14	20.09	244	2279880	80.26	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	70828	41.04	ng	# 83
3) Pyridine	3.96	79	164741	32.88	ng	86
4) n-Nitrosodimethylamine	3.86	42	98813	41.61	ng	# 89
6) Aniline	7.45	93	54467	7.22	ng	96
8) 2-Chlorophenol	7.70	128	242308	51.62	ng	87
9) Benzaldehyde	7.26	77	69208	17.26	ng	83
10) Phenol	7.32	94	275352	46.27	ng	92
11) bis(2-Chloroethyl)ether	7.54	93	226120	47.59	ng	87
12) 1,3-Dichlorobenzene	8.02	146	260963	47.39	ng	97
13) 1,4-Dichlorobenzene	8.16	146	268329	48.08	ng	93
14) 1,2-Dichlorobenzene	8.48	146	254041	47.43	ng	97
15) Benzyl Alcohol	8.37	79	197148	42.89	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.65	45	323512	61.64	ng	90
17) 2-Methylphenol	8.58	107	204997	49.47	ng	96
18) Hexachloroethane	9.21	117	91678	47.20	ng	93
19) n-Nitroso-di-n-propylamine	8.93	70	180809	41.50	ng	# 94
20) 3+4-Methylphenols	8.91	107	280734	47.64	ng	96
22) Acetophenone	8.95	105	347171	44.16	ng	# 92
24) Nitrobenzene	9.34	77	266871	49.03	ng	90
25) Isophorone	9.86	82	507491	48.84	ng	# 93
26) 2-Nitrophenol	10.06	139	145350	51.23	ng	# 85
27) 2,4-Dimethylphenol	10.11	122	240024	56.99	ng	93
28) bis(2-Chloroethoxy)methane	10.34	93	316778	48.40	ng	97
29) 2,4-Dichlorophenol	10.60	162	277655	54.90	ng	91
30) 1,2,4-Trichlorobenzene	10.80	180	300879	49.83	ng	98
31) Naphthalene	10.99	128	765837	49.34	ng	98
32) Benzoic acid	10.28	122	85274	27.10	ng	# 84
34) Hexachlorobutadiene	11.27	225	192871	46.06	ng	95
35) Caprolactam	11.89	113	77221m	37.38	ng	
36) 4-Chloro-3-methylphenol	12.23	107	276725	50.27	ng	86
37) 2-Methylnaphthalene	12.59	142	598788	49.98	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	365054	42.43	ng	97
40) Hexachlorocyclopentadiene	12.93	237	331292	100.89	ng	92
42) 2,4,6-Trichlorophenol	13.20	196	254839	51.81	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.28	196	273439	50.81	nq	# 94
45) 1,1'-Biphenyl	13.59	154	785321	43.68	nq	97
46) 2-Chloronaphthalene	13.63	162	655121	50.51	nq	96
47) 2-Nitroaniline	13.84	65	170187	44.27	nq	# 76
48) Acenaphthylene	14.47	152	995058	46.87	nq	99
49) Dimethylphthalate	14.20	163	886458	47.29	nq	99
50) 2,6-Dinitrotoluene	14.33	165	204193	52.85	nq	# 75
51) Acenaphthene	14.81	154	618906	46.68	nq	98
53) 2,4-Dinitrophenol	14.88	184	228750	105.59	nq	# 47
54) Dibenzofuran	15.15	168	1029036	48.73	nq	99
55) 4-Nitrophenol	14.99	139	270208	92.46	nq	# 77
56) 2,4-Dinitrotoluene	15.12	165	295176	52.85	nq	# 72
57) Fluorene	15.80	166	828253	48.31	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.38	232	273130	53.25	nq	# 90
59) Diethylphthalate	15.56	149	885443	46.50	nq	96
60) 4-Chlorophenyl-phenylether	15.78	204	496049	47.90	nq	91
61) 4-Nitroaniline	15.83	138	165486	38.09	nq	85
62) Azobenzene	16.07	77	695925	47.92	nq	93
64) 4,6-Dinitro-2-methylphenol	15.88	198	168540	44.77	nq	76
65) n-Nitrosodiphenylamine	16.00	169	757188	44.12	nq	100
66) 4-Bromophenyl-phenylether	16.67	248	330092	46.02	nq	98
67) Hexachlorobenzene	16.80	284	340013	44.61	nq	97
68) Atrazine	16.94	200	279936	39.54	nq	98
69) Pentachlorophenol	17.15	266	359001	85.22	nq	98
70) Phenanthrene	17.54	178	1416631	48.04	nq	97
71) Anthracene	17.63	178	1451631	49.13	nq	98
72) Carbazole	17.89	167	1329523	48.03	nq	99
73) Di-n-butylphthalate	18.43	149	1529249	44.99	nq	98
74) Fluoranthene	19.54	202	1840443	49.30	nq	97
77) Pyrene	19.90	202	1877614	50.45	nq	94
79) Butylbenzylphthalate	20.76	149	738065	49.73	nq	85
80) Benzo(a)anthracene	21.75	228	1885999	48.41	nq	96
81) 3,3'-Dichlorobenzidine	21.65	252	119322	7.59	nq	98
82) Chrysene	21.82	228	1775170	49.25	nq	96
83) Bis(2-ethylhexyl)phthalate	21.62	149	1022402	47.73	nq	99
84) Di-n-octyl phthalate	22.85	149	1726647	49.52	nq	# 94
85) Indeno(1,2,3-cd)pyrene	28.87	276	2135814	48.75	nq	# 90
87) Benzo(b)fluoranthene	24.02	252	1898502	49.83	nq	98
88) Benzo(k)fluoranthene	24.09	252	1873480	49.61	nq	96
89) Benzo(a)pyrene	24.92	252	1850582	51.13	nq	99
90) Dibenzo(a,h)anthracene	28.92	278	1788995	48.36	nq	97
91) Benzo(g,h,i)perylene	30.06	276	1723754	48.01	nq	99

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

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