

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121817\
 Data File : BG031642.D
 Acq On : 18 Dec 2017 20:13
 Operator : SJ/JU
 Sample : I6680-12MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-121417-AMS

Quant Time: Dec 19 09:46:52 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	69365	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	301464	20.00	ng	-0.01
38) Acenaphthene-d10	14.72	164	201647	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	514622	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	549115	20.00	ng	-0.01
86) Perylene-d12	25.01	264	444588	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	534775	136.65	ng	0.00
7) Phenol-d6	7.27	99	635724	117.02	ng	0.00
23) Nitrobenzene-d5	9.27	82	433734	88.68	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	382326	161.84	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1258885	91.64	ng	0.00
78) Terphenyl-d14	20.06	244	2260289	93.65	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	57125	30.594	ng	# 79
3) Pyridine	3.92	79	174906	35.578	ng	# 86
4) n-Nitrosodimethylamine	3.83	42	76240	32.924	ng	# 93
6) Aniline	7.42	93	43232	6.043	ng	# 88
8) 2-Chlorophenol	7.67	128	199063	45.603	ng	# 86
9) Benzaldehyde	7.23	77	84797	26.928	ng	# 87
10) Phenol	7.29	94	220366	39.486	ng	# 93
11) bis(2-Chloroethyl)ether	7.51	93	181744	39.900	ng	# 87
12) 1,3-Dichlorobenzene	7.99	146	215484m	41.511	ng	# 95
13) 1,4-Dichlorobenzene	8.13	146	219403	40.668	ng	# 97
14) 1,2-Dichlorobenzene	8.45	146	212728	41.393	ng	# 94
15) Benzyl Alcohol	8.34	79	135514	31.888	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	8.62	45	247473	48.361	ng	# 98
17) 2-Methylphenol	8.55	107	165730	43.565	ng	# 92
18) Hexachloroethane	9.18	117	76377	41.999	ng	# 92
19) n-Nitroso-di-n-propylamine	8.90	70	143383	33.532	ng	# 94
20) 3+4-Methylphenols	8.88	107	226161	41.863	ng	# 93
22) Acetophenone	8.92	105	302759	43.433	ng	# 87
24) Nitrobenzene	9.31	77	217680	43.200	ng	# 91
25) Isophorone	9.83	82	399308	48.006	ng	# 87
26) 2-Nitrophenol	10.02	139	118971	52.837	ng	# 92
27) 2,4-Dimethylphenol	10.08	122	198919	40.704	ng	# 95
28) bis(2-Chloroethoxy)methane	10.30	93	242901	52.575	ng	# 92
29) 2,4-Dichlorophenol	10.57	162	233199	45.275	ng	# 98
30) 1,2,4-Trichlorobenzene	10.77	180	256516	41.741	ng	# 99
31) Naphthalene	10.96	128	618186	36.082	ng	# 85
32) Benzoic acid	10.27	122	70280	3.044	ng	# 96
33) 4-Chloroaniline	11.10	127	19576	45.004	ng	# 96
34) Hexachlorobutadiene	11.24	225	169133	36.941	ng	# 69
35) Caprolactam	11.85	113	64339	44.769	ng	# 86
36) 4-Chloro-3-methylphenol	12.21	107	226662	42.724	ng	# 95
37) 2-Methylnaphthalene	12.56	142	489912	43.481	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	342666	80.632	ng	# 92
40) Hexachlorocyclopentadiene	12.90	237	219533			

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	210264	52.221	ng	98
43) 2,4,5-Trichlorophenol	13.26	196	229039	52.807	ng #	93
45) 1,1'-Biphenyl	13.56	154	699849	42.256	ng	96
46) 2-Chloronaphthalene	13.61	162	545979	45.040	ng	96
47) 2-Nitroaniline	13.82	65	133630	39.230	ng #	75
48) Acenaphthylene	14.45	152	808410	41.446	ng	99
49) Dimethylphthalate	14.17	163	737189	44.158	ng	99
50) 2,6-Dinitrotoluene	14.30	165	170556	47.797	ng #	74
51) Acenaphthene	14.79	154	514990	41.756	ng	99
52) 3-Nitroaniline	14.64	138	29684	8.161	ng #	83
53) 2,4-Dinitrophenol	14.86	184	135058	89.487	ng #	50
54) Dibenzofuran	15.12	168	854813	43.434	ng	99
55) 4-Nitrophenol	14.96	139	201611	81.937	ng #	78
56) 2,4-Dinitrotoluene	15.10	165	244168	48.177	ng #	71
57) Fluorene	15.77	166	684511	43.407	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.36	232	218505	53.597	ng #	88
59) Diethylphthalate	15.53	149	721356	43.108	ng	96
60) 4-Chlorophenyl-phenylether	15.75	204	419577	43.488	ng	90
61) 4-Nitroaniline	15.80	138	98729	25.864	ng	87
62) Azobenzene	16.05	77	541494	39.064	ng	90
64) 4,6-Dinitro-2-methylphenol	15.86	198	119592	39.376	ng	79
65) n-Nitrosodiphenylamine	15.97	169	347884	23.095	ng	99
66) 4-Bromophenyl-phenylether	16.64	248	282602	47.225	ng	98
67) Hexachlorobenzene	16.78	284	289336	46.823	ng #	94
68) Atrazine	16.91	200	103026	18.706	ng	98
69) Pentachlorophenol	17.12	266	231761	78.165	ng	99
70) Phenanthrene	17.51	178	1181341	43.954	ng	98
71) Anthracene	17.60	178	1227090	46.164	ng	98
72) Carbazole	17.87	167	672990	27.977	ng	99
73) Di-n-butylphthalate	18.41	149	1237405	44.545	ng	99
74) Fluoranthene	19.51	202	1532773	45.570	ng	96
77) Pyrene	19.87	202	1566911	45.924	ng	96
79) Butylbenzylphthalate	20.73	149	573513	47.914	ng #	84
80) Benzo(a)anthracene	21.71	228	1502957	45.346	ng	98
82) Chrysene	21.78	228	1422346	44.765	ng	96
83) Bis(2-ethylhexyl)phthalate	21.59	149	788575	45.792	ng	99
84) Di-n-octyl phthalate	22.81	149	1257576	44.272	ng #	93
85) Indeno(1,2,3-cd)pyrene	28.78	276	1431653	42.161	ng #	87
87) Benzo(b)fluoranthene	23.97	252	1409111	53.014	ng #	98
88) Benzo(k)fluoranthene	24.03	252	1345901	49.619	ng	98
89) Benzo(a)pyrene	24.86	252	1285407	50.979	ng	98
90) Dibenzo(a,h)anthracene	28.82	278	1215706	50.420	ng	97
91) Benzo(g,h,i)perylene	29.96	276	1165195	49.154	ng	97

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

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