Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121317\
Data File : BG031546.D
Acq On : 14 Dec 2017 2:37
Operator : SJ/JU
Sample : PB104979BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB104979BS

Manual Integrations APPROVED
Sohil
12/15/2017 7:48:09 PM

Quant Time: Dec 14 04:05:35 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	8.10	152	40729	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	173668	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	126257	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	371301	20.00	ng		0.00
75) Chrysene-d12	21.75	240	465674	20.00	ng		0.00
86) Perylene-d12	25.03	264	471611	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	241474	105.09	ng		0.00
7) Phenol-d6	7.28	99	316036	99.07	ng		0.00
23) Nitrobenzene-d5	9.27	82	264523	93.88	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	174948	118.28	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	813331	94.56	ng		0.00
78) Terphenyl-d14	20.07	244	1798071	87.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	35196	32.102	ng		87
3) Pyridine	3.92	79	96101	33.292	ng		86
4) n-Nitrosodimethylamine	3.83	42	44100	32.434	ng	#	94
6) Aniline	7.43	93	76773	18.275	ng		95
8) 2-Chlorophenol	7.68	128	107491	41.938	ng		87
9) Benzaldehyde	7.24	77	65810	35.593	ng		91
10) Phenol	7.31	94	138620	42.302	ng		93
11) bis(2-Chloroethyl)ether	7.52	93	95090	35.554	ng		88
12) 1,3-Dichlorobenzene	7.99	146	112268	36.833	ng		97
13) 1,4-Dichlorobenzene	8.14	146	116059	36.637	ng		95
14) 1,2-Dichlorobenzene	8.46	146	110639	36.665	ng		95
15) Benzyl Alcohol	8.35	79	87345	35.004	ng		87
16) 2,2'-oxybis(1-Chloropropan	8.63	45	135887	45.225	ng		90
17) 2-Methylphenol	8.56	107	91702	41.053	ng		97
18) Hexachloroethane	9.19	117	38594	36.143	ng		97
19) n-Nitroso-di-n-propylamine	8.91	70	74061	29.498	ng	#	92
20) 3+4-Methylphenols	8.89	107	125742	37.788	ng		95
22) Acetophenone	8.93	105	158332	38.003	ng	#	91
24) Nitrobenzene	9.32	77	113922	39.457	ng	#	91
25) Isophorone	9.84	82	210821	39.592	ng	#	93
26) 2-Nitrophenol	10.04	139	59071	41.375	ng	#	86
27) 2,4-Dimethylphenol	10.09	122	104955	48.393	ng		95
28) bis(2-Chloroethoxy)methane	10.31	93	135809	39.505	ng		96
29) 2,4-Dichlorophenol	10.59	162	120403	47.120	ng		89
30) 1,2,4-Trichlorobenzene	10.78	180	127042	38.923	ng		99
31) Naphthalene	10.97	128	325739	38.179	ng		99
32) Benzoic acid	10.24	122	9764	15.115	ng	#	70
33) 4-Chloroaniline	11.10	127	31292	8.447	ng	#	90
34) Hexachlorobutadiene	11.25	225	79504	36.722	ng		95
35) Caprolactam	11.85	113	52518m	52.343	ng		
36) 4-Chloro-3-methylphenol	12.21	107	125541	43.042	ng	#	89
37) 2-Methylnaphthalene	12.57	142	263512	39.890	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	169909	34.433	ng	#	98
40) Hexachlorocyclopentadiene	12.91	237	80983	56.455	ng		87

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	105963	42.031	ng		100
43) 2,4,5-Trichlorophenol	13.27	196	115845	42.658	ng	#	92
45) 1,1'-Biphenyl	13.56	154	379440	36.590	ng		98
46) 2-Chloronaphthalene	13.61	162	292470	38.534	ng		95
47) 2-Nitroaniline	13.82	65	83533	39.166	ng	#	73
48) Acenaphthylene	14.46	152	452054	37.015	ng		98
49) Dimethylphthalate	14.17	163	429943	41.132	ng		99
50) 2,6-Dinitrotoluene	14.31	165	93890	42.023	ng	#	78
51) Acenaphthene	14.80	154	282412	36.571	ng		98
52) 3-Nitroaniline	14.64	138	46725	20.516	ng	#	79
53) 2,4-Dinitrophenol	14.87	184	9273	17.871	ng	#	48
54) Dibenzofuran	15.13	168	487746	39.581	ng		100
55) 4-Nitrophenol	14.97	139	128978	83.641	ng	#	78
56) 2,4-Dinitrotoluene	15.10	165	144721	45.605	ng	#	71
57) Fluorene	15.77	166	397490	40.257	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	126924	49.723	ng		91
59) Diethylphthalate	15.53	149	443841	42.361	ng		98
60) 4-Chlorophenyl-phenylether	15.76	204	235995	39.066	ng		91
61) 4-Nitroaniline	15.81	138	112805	47.197	ng		86
62) Azobenzene	16.05	77	340806	39.266	ng		92
64) 4,6-Dinitro-2-methylphenol	15.87	198	27326	15.824	ng	#	78
65) n-Nitrosodiphenylamine	15.98	169	387966	35.698	ng		100
66) 4-Bromophenyl-phenylether	16.65	248	159184	36.869	ng		95
67) Hexachlorobenzene	16.78	284	166612	37.370	ng		96
68) Atrazine	16.92	200	187932	47.292	ng		98
69) Pentachlorophenol	17.14	266	98406	48.329	ng		96
70) Phenanthrene	17.52	178	760268	39.206	ng		99
71) Anthracene	17.61	178	785441	40.954	ng		99
72) Carbazole	17.88	167	774557	44.628	ng		99
73) Di-n-butylphthalate	18.41	149	906460	45.227	ng		100
74) Fluoranthene	19.52	202	1099871	45.322	ng		98
76) Benzidine	19.69	184	437202	40.343	ng		98
77) Pyrene	19.88	202	1123435	38.826	ng		97
79) Butylbenzylphthalate	20.74	149	420523	41.428	ng		85
80) Benzo(a)anthracene	21.72	228	1113043	39.599	ng		98
81) 3,3'-Dichlorobenzidine	21.64	252	240709	24.606	ng		99
82) Chrysene	21.79	228	1065918	39.558	ng		98
83) Bis(2-ethylhexyl)phthalate	21.60	149	586691	40.174	ng		99
84) Di-n-octyl phthalate	22.82	149	1004013	41.679	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.81	276	1219360	42.343	ng		99
87) Benzo(b)fluoranthene	23.99	252	1114219	39.518	ng		98
88) Benzo(k)fluoranthene	24.06	252	1093921	38.018	ng		97
89) Benzo(a)pyrene	24.88	252	1077081	40.269	ng		99
90) Dibenzo(a,h)anthracene	28.86	278	1017596	39.785	ng		98
91) Benzo(g,h,i)perylene	29.99	276	1018895	40.520	ng		98

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

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