Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_G\DATA\BG120817\
Data File : BG031431.D
Acq On : 8 Dec 2017 19:51
Operator : SJ/JU
Sample : PB104848BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB104848BS

Manual Integrations APPROVED
Sohil
12/11/2017 6:17:26 PM

Quant Time: Dec 09 00:33:58 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 17:58:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	34542	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	175477	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	132677	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	370294	20.00	ng		0.00
75) Chrysene-d12	21.77	240	401681	20.00	ng		0.00
86) Perylene-d12	25.06	264	394958	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	308996	153.39	ng		0.00
7) Phenol-d6	7.29	99	432252	159.28	ng		0.00
23) Nitrobenzene-d5	9.29	82	268358	90.62	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	248828	115.93	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	830394	89.93	ng		0.00
78) Terphenyl-d14	20.08	244	1643289	90.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	23221	28.406	ng	#	86
3) Pyridine	3.94	79	73649	31.034	ng		98
4) n-Nitrosodimethylamine	3.85	42	45760	40.685	ng		87
6) Aniline	7.45	93	69658	19.504	ng		95
8) 2-Chlorophenol	7.69	128	112783	50.735	ng		91
9) Benzaldehyde	7.26	77	36613	19.279	ng		89
10) Phenol	7.32	94	151371	53.710	ng		97
11) bis(2-Chloroethyl)ether	7.54	93	103451	45.973	ng		90
12) 1,3-Dichlorobenzene	8.01	146	113777	43.624	ng		97
13) 1,4-Dichlorobenzene	8.16	146	116938	44.245	ng		95
14) 1,2-Dichlorobenzene	8.48	146	113787	44.855	ng		98
15) Benzyl Alcohol	8.36	79	105519	48.474	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.65	45	168788	67.907	ng		93
17) 2-Methylphenol	8.58	107	103414	52.693	ng		94
18) Hexachloroethane	9.21	117	41490	45.104	ng		93
19) n-Nitroso-di-n-propylamine	8.93	70	92766	44.957	ng	#	97
20) 3+4-Methylphenols	8.90	107	146150	52.371	ng		96
22) Acetophenone	8.95	105	170481	39.019	ng	#	93
24) Nitrobenzene	9.33	77	134175	44.356	ng		93
25) Isophorone	9.86	82	270281	46.799	ng	#	92
26) 2-Nitrophenol	10.06	139	71245	45.184	ng	#	86
27) 2,4-Dimethylphenol	10.11	122	124994	53.397	ng		92
28) bis(2-Chloroethoxy)methane	10.33	93	163213	44.870	ng		95
29) 2,4-Dichlorophenol	10.60	162	143022	50.881	ng		89
30) 1,2,4-Trichlorobenzene	10.80	180	142326	42.410	ng		97
31) Naphthalene	10.99	128	368024	42.663	ng		98
32) Benzoic acid	10.24	122	21606	15.436	ng	#	78
33) 4-Chloroaniline	11.11	127	64022	16.954	ng		95
34) Hexachlorobutadiene	11.27	225	91013	39.105	ng		95
35) Caprolactam	11.88	113	60966m	53.093	ng		
36) 4-Chloro-3-methylphenol	12.22	107	157324	51.424	ng		90
37) 2-Methylnaphthalene	12.59	142	306200	45.981	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	190040	36.089	ng		97
40) Hexachlorocyclopentadiene	12.92	237	148275	76.649	ng		92

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	140115	46.545	ng		98
43) 2,4,5-Trichlorophenol	13.28	196	154214	46.821	ng		93
45) 1,1'-Biphenyl	13.58	154	422785	38.428	ng		99
46) 2-Chloronaphthalene	13.63	162	350474	44.151	ng		96
47) 2-Nitroaniline	13.83	65	111777	47.508	ng	#	88
48) Acenaphthylene	14.47	152	555480	42.755	ng		99
49) Dimethylphthalate	14.20	163	518827	45.226	ng		99
50) 2,6-Dinitrotoluene	14.32	165	115858	48.999	ng	#	83
51) Acenaphthene	14.81	154	342956	42.266	ng		99
52) 3-Nitroaniline	14.66	138	50879	20.265	ng	#	80
53) 2,4-Dinitrophenol	14.89	184	33662	29.846	ng	#	58
54) Dibenzofuran	15.14	168	586031	45.343	ng		99
55) 4-Nitrophenol	14.99	139	157672	88.161	ng	#	87
56) 2,4-Dinitrotoluene	15.12	165	166995	48.853	ng	#	77
57) Fluorene	15.79	166	473766	45.151	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	158252	50.413	ng	#	90
59) Diethylphthalate	15.55	149	528262	45.333	ng		98
60) 4-Chlorophenyl-phenylether	15.78	204	284910	44.959	ng		92
61) 4-Nitroaniline	15.82	138	123633	46.504	ng		94
62) Azobenzene	16.07	77	442264	49.766	ng		96
64) 4,6-Dinitro-2-methylphenol	15.89	198	54524	22.152	ng		76
65) n-Nitrosodiphenylamine	15.99	169	452881	40.361	ng		99
66) 4-Bromophenyl-phenylether	16.67	248	190382	40.594	ng		98
67) Hexachlorobenzene	16.80	284	192267	38.582	ng		98
68) Atrazine	16.94	200	195835	42.300	ng		94
69) Pentachlorophenol	17.15	266	162134	58.859	ng		99
70) Phenanthrene	17.54	178	843496	43.750	ng		98
71) Anthracene	17.62	178	868445	44.954	ng		99
72) Carbazole	17.89	167	784971	43.365	ng		98
73) Di-n-butylphthalate	18.43	149	929502	41.821	ng		100
74) Fluoranthene	19.53	202	1105980	45.306	ng		98
76) Benzidine	19.71	184	298555	23.139	ng		98
77) Pyrene	19.90	202	1118386	46.921	ng		98
79) Butylbenzylphthalate	20.75	149	422746	44.482	ng		90
80) Benzo(a)anthracene	21.74	228	1105705	44.316	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	211423	20.992	ng		100
82) Chrysene	21.81	228	1054876	45.704	ng		98
83) Bis(2-ethylhexyl)phthalate	21.62	149	603542	43.995	ng		98
84) Di-n-octyl phthalate	22.84	149	1027607	46.022	ng		96
85) Indeno(1,2,3-cd)pyrene	28.85	276	1196951	42.659	ng	#	79
87) Benzo(b)fluoranthene	24.01	252	1096150	45.881	ng		98
88) Benzo(k)fluoranthene	24.08	252	1066874	45.052	ng		98
89) Benzo(a)pyrene	24.91	252	1055136	46.490	ng		99
90) Dibenzo(a,h)anthracene	28.90	278	998165	43.028	ng		98
91) Benzo(g,h,i)perylene	30.04	276	1001155	44.466	ng		100

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

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