Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
Data File : BG031189.D
Acq On : 22 Nov 2017 14:55
Operator : SJ/JU
Sample : PB104484BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 23 01:01:21 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

Instrument :
BNA_G
ClientSampleId :
PB104484BS

Manual Integrations APPROVED
Sohil
11/27/2017 3:21:59 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	48819	20.00	ng		-0.02
21) Naphthalene-d8	10.95	136	217879	20.00	ng		-0.02
38) Acenaphthene-d10	14.75	164	151083	20.00	ng		-0.02
63) Phenanthrene-d10	17.50	188	385420	20.00	ng		-0.01
75) Chrysene-d12	21.77	240	451038	20.00	ng		-0.01
86) Perylene-d12	25.07	264	451528	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	363183	127.57	ng		-0.01
7) Phenol-d6	7.30	99	473588	123.47	ng		0.00
23) Nitrobenzene-d5	9.30	82	266075	72.36	ng		-0.02
41) 2,4,6-Tribromophenol	16.24	330	222755	91.14	ng		-0.01
44) 2-Fluorobiphenyl	13.38	172	793114	75.43	ng		-0.02
78) Terphenyl-d14	20.08	244	1496689	73.27	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	41271	35.722	ng	#	83
3) Pyridine	3.95	79	124083	36.994	ng		86
4) n-Nitrosodimethylamine	3.86	42	60789	38.241	ng	#	91
6) Aniline	7.46	93	132848	26.319	ng		95
8) 2-Chlorophenol	7.70	128	151108	48.096	ng		88
9) Benzaldehyde	7.27	77	39257	14.626	ng		83
10) Phenol	7.33	94	194681	48.876	ng		92
11) bis(2-Chloroethyl)ether	7.54	93	136251	42.841	ng		90
12) 1,3-Dichlorobenzene	8.03	146	156539m	42.467	ng		
13) 1,4-Dichlorobenzene	8.17	146	161894	43.341	ng		92
14) 1,2-Dichlorobenzene	8.49	146	153206	42.732	ng		96
15) Benzyl Alcohol	8.37	79	129027	41.939	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.66	45	196921	56.056	ng		90
17) 2-Methylphenol	8.58	107	129977	46.860	ng		94
18) Hexachloroethane	9.22	117	55186	42.448	ng		94
19) n-Nitroso-di-n-propylamine	8.94	70	108458	37.190	ng	#	95
20) 3+4-Methylphenols	8.91	107	178823	45.339	ng		95
22) Acetophenone	8.96	105	216659	39.937	ng	#	91
24) Nitrobenzene	9.34	77	158046	42.079	ng	#	89
25) Isophorone	9.87	82	298117	41.573	ng	#	91
26) 2-Nitrophenol	10.06	139	85489	43.666	ng		89
27) 2,4-Dimethylphenol	10.12	122	149939	51.588	ng		90
28) bis(2-Chloroethoxy)methane	10.34	93	192364	42.592	ng		95
29) 2,4-Dichlorophenol	10.61	162	170535	48.862	ng		94
30) 1,2,4-Trichlorobenzene	10.81	180	180132	43.229	ng		98
31) Naphthalene	11.00	128	457923	42.754	ng		98
32) Benzoic acid	10.27	122	71199	31.604	ng	#	85
33) 4-Chloroaniline	11.11	127	102945	21.956	ng		94
34) Hexachlorobutadiene	11.28	225	116385	40.274	ng		97
35) Caprolactam	11.88	113	57258m	40.160	ng		
36) 4-Chloro-3-methylphenol	12.23	107	170463	44.875	ng	#	84
37) 2-Methylnaphthalene	12.59	142	361817	43.759	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	227192	37.888	ng		96
40) Hexachlorocyclopentadiene	12.93	237	164955	75.128	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	148951	43.452	ng		99
43) 2,4,5-Trichlorophenol	13.29	196	162954	43.447	ng		93
45) 1,1'-Biphenyl	13.59	154	488323	38.978	ng		98
46) 2-Chloronaphthalene	13.64	162	397585	43.984	ng		95
47) 2-Nitroaniline	13.84	65	111780	41.721	ng	#	78
48) Acenaphthylene	14.48	152	605634	40.936	ng		98
49) Dimethylphthalate	14.20	163	531801	40.710	ng		99
50) 2,6-Dinitrotoluene	14.33	165	119732	44.468	ng	#	73
51) Acenaphthene	14.82	154	374411	40.522	ng		99
52) 3-Nitroaniline	14.67	138	79445	27.788	ng	#	79
53) 2,4-Dinitrophenol	14.88	184	111980	75.919	ng	#	49
54) Dibenzofuran	15.15	168	628952	42.735	ng		98
55) 4-Nitrophenol	14.99	139	164345	80.697	ng	#	77
56) 2,4-Dinitrotoluene	15.12	165	173618	44.603	ng	#	72
57) Fluorene	15.80	166	499204	41.780	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	161785	45.259	ng	#	89
59) Diethylphthalate	15.55	149	528012	39.792	ng		97
60) 4-Chlorophenyl-phenylether	15.78	204	297836	41.273	ng		93
61) 4-Nitroaniline	15.82	138	128243	42.361	ng		88
62) Azobenzene	16.08	77	424737	41.971	ng		93
64) 4,6-Dinitro-2-methylphenol	15.89	198	94274	36.799	ng		78
65) n-Nitrosodiphenylamine	16.00	169	468670	40.129	ng		99
66) 4-Bromophenyl-phenylether	16.68	248	194559	39.856	ng		99
67) Hexachlorobenzene	16.80	284	198357	38.242	ng		96
68) Atrazine	16.94	200	195634	40.598	ng		96
69) Pentachlorophenol	17.15	266	192621	67.182	ng		99
70) Phenanthrene	17.54	178	870476	43.377	ng		99
71) Anthracene	17.63	178	897496	44.634	ng		99
72) Carbazole	17.90	167	827041	43.896	ng		99
73) Di-n-butylphthalate	18.44	149	948352	40.995	ng		99
74) Fluoranthene	19.54	202	1157713	45.564	ng		98
76) Benzidine	19.71	184	487010	33.614	ng		98
77) Pyrene	19.90	202	1174795	43.894	ng		97
79) Butylbenzylphthalate	20.76	149	473927	44.411	ng	#	84
80) Benzo(a)anthracene	21.75	228	1221492	43.599	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	298126	26.361	ng		97
82) Chrysene	21.82	228	1150375	44.388	ng		97
83) Bis(2-ethylhexyl)phthalate	21.63	149	666902	43.294	ng		98
84) Di-n-octyl phthalate	22.85	149	1146758	45.738	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.86	276	1346643	42.742	ng	#	88
87) Benzo(b)fluoranthene	24.02	252	1239800	45.393	ng		99
88) Benzo(k)fluoranthene	24.09	252	1163752	42.986	ng		97
89) Benzo(a)pyrene	24.92	252	1186029	45.710	ng		99
90) Dibenzo(a,h)anthracene	28.91	278	1124614	42.405	ng		98
91) Benzo(g,h,i)perylene	30.05	276	1110704	43.151	ng		98

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

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