Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
Data File : BG029379.D
Acq On : 20 Oct 2017 19:26
Operator : SJ/JU
Sample : I5981-06MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-01-101817-BMS

Manual Integrations APPROVED
Sohil
10/23/2017 3:40:46 PM

Quant Time: Oct 21 22:49:50 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	60511	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	269551	20.00	ng		0.00
38) Acenaphthene-d10	14.78	164	182646	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	485897	20.00	ng		0.00
75) Chrysene-d12	21.80	240	536281	20.00	ng		0.00
86) Perylene-d12	25.10	264	566193	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	508370	140.35	ng		0.00
7) Phenol-d6	7.32	99	631670	124.24	ng		0.00
23) Nitrobenzene-d5	9.33	82	434268	102.38	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	421975	178.94	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1140325	91.57	ng		0.00
78) Terphenyl-d14	20.11	244	2099997	89.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	57364	39.032	ng	#	80
3) Pyridine	4.00	79	142643	33.329	ng		91
4) n-Nitrosodimethylamine	3.90	42	85294	42.635	ng	#	93
6) Aniline	7.49	93	68589	10.894	ng		97
8) 2-Chlorophenol	7.73	128	178819	43.069	ng		92
9) Benzaldehyde	7.30	77	53296	20.841	ng		93
10) Phenol	7.35	94	208760	38.085	ng		94
11) bis(2-Chloroethyl)ether	7.58	93	174079	43.589	ng		90
12) 1,3-Dichlorobenzene	8.05	146	189646	40.685	ng		96
13) 1,4-Dichlorobenzene	8.20	146	193774	40.716	ng		94
14) 1,2-Dichlorobenzene	8.53	146	185815	40.479	ng		98
15) Benzyl Alcohol	8.40	79	172645	48.185	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.69	45	288422	42.526	ng		95
17) 2-Methylphenol	8.61	107	162260	44.562	ng		96
18) Hexachloroethane	9.26	117	66689	41.119	ng		99
19) n-Nitroso-di-n-propylamine	8.97	70	146058	42.249	ng	#	96
20) 3+4-Methylphenols	8.93	107	222723	43.410	ng		96
22) Acetophenone	8.99	105	274744	42.294	ng	#	94
24) Nitrobenzene	9.38	77	210536	44.144	ng		93
25) Isophorone	9.89	82	417042	47.096	ng	#	94
26) 2-Nitrophenol	10.09	139	105720	46.380	ng	#	89
27) 2,4-Dimethylphenol	10.14	122	187755	45.526	ng		94
28) bis(2-Chloroethoxy)methane	10.38	93	251287	46.279	ng		97
29) 2,4-Dichlorophenol	10.63	162	208535	47.417	ng		93
30) 1,2,4-Trichlorobenzene	10.85	180	207401	43.652	ng		99
31) Naphthalene	11.03	128	571561	42.546	ng		99
32) Benzoic acid	10.20	122	9472	2.743	ng	#	78
33) 4-Chloroaniline	11.13	127	12372	2.189	ng		98
34) Hexachlorobutadiene	11.32	225	128486	43.494	ng		99
35) Caprolactam	11.90	113	62398m	42.691	ng		
36) 4-Chloro-3-methylphenol	12.25	107	228219	47.182	ng	#	88
37) 2-Methylnaphthalene	12.63	142	448134	45.770	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	246802	37.011	ng		98
40) Hexachlorocyclopentadiene	12.97	237	292705	113.781	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	186998	44.671	ng		98
43) 2,4,5-Trichlorophenol	13.30	196	207702	48.313	ng		96
45) 1,1'-Biphenyl	13.62	154	616440	39.266	ng		98
46) 2-Chloronaphthalene	13.67	162	474397	41.428	ng		99
47) 2-Nitroaniline	13.87	65	162475	51.657	ng	#	85
48) Acenaphthylene	14.51	152	776009	43.301	ng		99
49) Dimethylphthalate	14.23	163	678848	47.637	ng		99
50) 2,6-Dinitrotoluene	14.35	165	153869	51.507	ng	#	82
51) Acenaphthene	14.85	154	496812	42.607	ng		98
52) 3-Nitroaniline	14.68	138	28252	8.764	ng	#	73
53) 2,4-Dinitrophenol	14.89	184	45064	31.754	ng	#	53
54) Dibenzofuran	15.18	168	786738	47.263	ng		99
55) 4-Nitrophenol	14.99	139	242528	91.259	ng	#	84
56) 2,4-Dinitrotoluene	15.14	165	226023	55.891	ng	#	77
57) Fluorene	15.83	166	631766	45.943	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.41	232	209638	58.448	ng		95
59) Diethylphthalate	15.59	149	710221	50.008	ng		98
60) 4-Chlorophenyl-phenylether	15.82	204	352144	48.030	ng		95
61) 4-Nitroaniline	15.85	138	169682	51.262	ng		86
62) Azobenzene	16.10	77	612981	51.184	ng		98
64) 4,6-Dinitro-2-methylphenol	15.90	198	56230	23.230	ng		91
65) n-Nitrosodiphenylamine	16.03	169	599199	41.167	ng		99
66) 4-Bromophenyl-phenylether	16.71	248	245464	44.025	ng		98
67) Hexachlorobenzene	16.83	284	263952	41.794	ng		96
68) Atrazine	16.97	200	259095	49.888	ng		100
69) Pentachlorophenol	17.17	266	242209	66.761	ng		98
70) Phenanthrene	17.57	178	1120678	44.646	ng		97
71) Anthracene	17.66	178	1139633	45.214	ng		98
72) Carbazole	17.92	167	1088114	44.940	ng		99
73) Di-n-butylphthalate	18.47	149	1267071	45.501	ng		99
74) Fluoranthene	19.56	202	1405628	47.876	ng		96
76) Benzidine	19.73	184	220115	13.594	ng		99
77) Pyrene	19.92	202	1427727	43.887	ng		95
79) Butylbenzylphthalate	20.79	149	607330	43.819	ng		91
80) Benzo(a)anthracene	21.77	228	1436090	45.610	ng		97
81) 3,3'-Dichlorobenzidine	21.68	252	213070	16.395	ng		100
82) Chrysene	21.84	228	1351400	44.817	ng		96
83) Bis(2-ethylhexyl)phthalate	21.67	149	846079	42.536	ng		100
84) Di-n-octyl phthalate	22.91	149	1461691	42.164	ng		98
85) Indeno(1,2,3-cd)pyrene	28.90	276	1782603	48.053	ng	#	93
87) Benzo(b)fluoranthene	24.05	252	1474643	45.493	ng		98
88) Benzo(k)fluoranthene	24.12	252	1472322	45.592	ng		97
89) Benzo(a)pyrene	24.95	252	1450083	46.533	ng		99
90) Dibenzo(a,h)anthracene	28.95	278	1484469	47.053	ng		98
91) Benzo(g,h,i)perylene	30.09	276	1474323	50.296	ng		98

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

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