Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
Data File : BG032851.D
Acq On : 27 Feb 2018 12:38
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/28/2018 1:01:25 PM

Quant Time: Feb 28 02:49:52 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	71380	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	338611	20.00	ng		0.00
38) Acenaphthene-d10	15.54	164	198907	20.00	ng		0.00
63) Phenanthrene-d10	18.27	188	428389	20.00	ng		0.00
75) Chrysene-d12	22.63	240	397792	20.00	ng		0.00
86) Perylene-d12	26.43	264	430312	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	364852	81.78	ng		0.00
7) Phenol-d6	8.02	99	518872	83.43	ng		0.00
23) Nitrobenzene-d5	10.12	82	449699	91.33	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	184345	88.14	ng		0.00
44) 2-Fluorobiphenyl	14.17	172	1054342	76.45	ng		0.00
78) Terphenyl-d14	20.78	244	1326991	74.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.97	88	75079	38.774	ng		89
3) Pyridine	4.43	79	225994	42.345	ng		94
4) n-Nitrosodimethylamine	4.33	42	87784	41.026	ng	#	92
6) Aniline	8.21	93	335527	39.858	ng		96
8) 2-Chlorophenol	8.46	128	199383	40.828	ng		94
9) Benzaldehyde	8.02	77	132706	37.025	ng		91
10) Phenol	8.05	94	258728	41.271	ng		89
11) bis(2-Chloroethyl)ether	8.30	93	202059	39.417	ng		94
12) 1,3-Dichlorobenzene	8.81	146	225367	39.401	ng		97
13) 1,4-Dichlorobenzene	8.96	146	226730	39.379	ng		97
14) 1,2-Dichlorobenzene	9.29	146	216699	39.276	ng		98
15) Benzyl Alcohol	9.16	79	186207	40.729	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.45	45	333068	37.795	ng		95
17) 2-Methylphenol	9.35	107	190232	41.151	ng		96
18) Hexachloroethane	10.05	117	79838	40.727	ng	#	82
19) n-Nitroso-di-n-propylamine	9.74	70	176942	40.302	ng	#	97
20) 3+4-Methylphenols	9.68	107	271669	42.266	ng		94
22) Acetophenone	9.77	105	334533	39.119	ng	#	93
24) Nitrobenzene	10.17	77	237673	44.543	ng		90
25) Isophorone	10.69	82	463543	39.002	ng	#	94
26) 2-Nitrophenol	10.89	139	111872	55.525	ng		88
27) 2,4-Dimethylphenol	10.92	122	207937	40.274	ng		88
28) bis(2-Chloroethoxy)methane	11.16	93	269891	38.981	ng		95
29) 2,4-Dichlorophenol	11.43	162	194152	41.433	ng		95
30) 1,2,4-Trichlorobenzene	11.66	180	212413	38.671	ng		97
31) Naphthalene	11.86	128	691026	39.055	ng		98
32) Benzoic acid	11.04	122	171058	51.482	ng	#	84
33) 4-Chloroaniline	11.95	127	317700	40.158	ng		95
34) Hexachlorobutadiene	12.12	225	115334	37.433	ng		97
35) Caprolactam	12.70	113	86100	45.888	ng	#	83
36) 4-Chloro-3-methylphenol	13.00	107	237741	43.598	ng		92
37) 2-Methylnaphthalene	13.41	142	510344	39.867	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	226829	38.416	ng	#	98
40) Hexachlorocyclopentadiene	13.74	237	118798	39.478	ng		92

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	157988	42.428 ng		97
43) 2,4,5-Trichlorophenol	14.05	196	183478	42.573 ng		98
45) 1,1'-Biphenyl	14.38	154	671359	38.625 ng		94
46) 2-Chloronaphthalene	14.43	162	504179	38.831 ng		97
47) 2-Nitroaniline	14.61	65	164375	49.749 ng		90
48) Acenaphthylene	15.27	152	832484	39.162 ng		98
49) Dimethylphthalate	14.97	163	658601	38.996 ng		99
50) 2,6-Dinitrotoluene	15.09	165	140665	49.890 ng		90
51) Acenaphthene	15.60	154	527086	39.814 ng		98
52) 3-Nitroaniline	15.42	138	165719	47.932 ng	#	82
53) 2,4-Dinitrophenol	15.62	184	36779	49.387 ng	#	1
54) Dibenzofuran	15.93	168	728022	38.621 ng		95
55) 4-Nitrophenol	15.69	139	113298	44.420 ng	#	78
56) 2,4-Dinitrotoluene	15.86	165	192384	56.241 ng	#	84
57) Fluorene	16.57	166	604855	38.876 ng		99
58) 2,3,4,6-Tetrachlorophenol	16.13	232	144170m	43.087 ng		
59) Diethylphthalate	16.30	149	695103	39.021 ng		99
60) 4-Chlorophenyl-phenylether	16.55	204	298143	39.172 ng		93
61) 4-Nitroaniline	16.57	138	163476	45.075 ng		81
62) Azobenzene	16.84	77	615343	38.613 ng		97
64) 4,6-Dinitro-2-methylphenol	16.62	198	80809	59.178 ng		98
65) n-Nitrosodiphenylamine	16.76	169	558080	40.046 ng		98
66) 4-Bromophenyl-phenylether	17.44	248	180815	39.917 ng	#	88
67) Hexachlorobenzene	17.57	284	191498	39.120 ng	#	94
68) Atrazine	17.67	200	177666	38.730 ng		97
69) Pentachlorophenol	17.90	266	131858	42.765 ng		98
70) Phenanthrene	18.31	178	938537	39.270 ng		97
71) Anthracene	18.40	178	943207	39.310 ng		98
72) Carbazole	18.65	167	915480	38.709 ng		97
73) Di-n-butylphthalate	19.15	149	1139779	39.284 ng		99
74) Fluoranthene	20.26	202	1020098	38.639 ng		94
76) Benzidine	20.41	184	563968	41.592 ng	#	95
77) Pyrene	20.62	202	1050515	37.448 ng		97
79) Butylbenzylphthalate	21.48	149	534885	43.006 ng		91
80) Benzo(a)anthracene	22.60	228	996859	39.079 ng		99
81) 3,3'-Dichlorobenzidine	22.48	252	377614	39.970 ng	#	97
82) Chrysene	22.68	228	954228	39.161 ng		98
83) Bis(2-ethylhexyl)phthalate	22.44	149	773483	42.013 ng	#	96
84) Di-n-octyl phthalate	23.87	149	1246828	44.431 ng		99
85) Indeno(1,2,3-cd)pyrene	30.87	276	1152524	40.557 ng		99
87) Benzo(b)fluoranthene	25.21	252	986640	38.778 ng	#	97
88) Benzo(k)fluoranthene	25.29	252	998474	39.487 ng	#	96
89) Benzo(a)pyrene	26.26	252	958440	39.605 ng	#	95
90) Dibenzo(a,h)anthracene	30.96	278	963622	39.560 ng	#	94
91) Benzo(g,h,i)perylene	32.26	276	941249	39.199 ng	#	91

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

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