Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
Data File : BG033084.D
Acq On : 12 Mar 2018 10:45
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/13/2018 4:20:46 PM

Quant Time: Mar 12 16:23:53 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 15:10:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	42305	20.00	ng		0.00
21) Naphthalene-d8	11.80	136	191952	20.00	ng		0.00
38) Acenaphthene-d10	15.53	164	109531	20.00	ng		0.00
63) Phenanthrene-d10	18.25	188	251009	20.00	ng		0.00
75) Chrysene-d12	22.61	240	249238	20.00	ng		0.00
86) Perylene-d12	26.41	264	268669	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	206955	78.26	ng		0.00
7) Phenol-d6	8.01	99	284955	77.31	ng		0.00
23) Nitrobenzene-d5	10.12	82	257459	92.14	ng		0.00
41) 2,4,6-Tribromophenol	16.99	330	101581	88.20	ng		0.00
44) 2-Fluorobiphenyl	14.16	172	563355	74.18	ng		0.00
78) Terphenyl-d14	20.77	244	799261	72.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.97	88	42804	37.298	ng		95
3) Pyridine	4.43	79	122382	38.691	ng		90
4) n-Nitrosodimethylamine	4.33	42	57203	45.107	ng	#	88
6) Aniline	8.21	93	182201	36.520	ng		99
8) 2-Chlorophenol	8.46	128	110417	38.149	ng		97
9) Benzaldehyde	8.01	77	68860	32.416	ng		92
10) Phenol	8.04	94	143220	38.547	ng		97
11) bis(2-Chloroethyl)ether	8.29	93	108636	35.757	ng		98
12) 1,3-Dichlorobenzene	8.80	146	123634	36.470	ng		97
13) 1,4-Dichlorobenzene	8.95	146	124868	36.593	ng		96
14) 1,2-Dichlorobenzene	9.29	146	119316	36.489	ng		96
15) Benzyl Alcohol	9.15	79	103616	38.240	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.44	45	217369	41.619	ng		99
17) 2-Methylphenol	9.35	107	102735	37.497	ng		98
18) Hexachloroethane	10.05	117	44390	38.207	ng		87
19) n-Nitroso-di-n-propylamine	9.73	70	93302	35.857	ng	#	92
20) 3+4-Methylphenols	9.68	107	145320	38.147	ng		94
22) Acetophenone	9.76	105	182601	37.667	ng	#	97
24) Nitrobenzene	10.16	77	135007	44.621	ng		94
25) Isophorone	10.68	82	238196	35.354	ng	#	94
26) 2-Nitrophenol	10.89	139	58154	52.186	ng		97
27) 2,4-Dimethylphenol	10.91	122	104195	35.600	ng		94
28) bis(2-Chloroethoxy)methane	11.16	93	138703	35.339	ng		96
29) 2,4-Dichlorophenol	11.43	162	101614	38.253	ng		95
30) 1,2,4-Trichlorobenzene	11.66	180	113515	36.455	ng		96
31) Naphthalene	11.85	128	372317	37.120	ng		98
32) Benzoic acid	11.01	122	63626	38.558	ng	#	85
33) 4-Chloroaniline	11.94	127	158339	35.306	ng		97
34) Hexachlorobutadiene	12.11	225	65912	37.738	ng		96
35) Caprolactam	12.68	113	40583	38.155	ng		99
36) 4-Chloro-3-methylphenol	12.99	107	126045	40.775	ng		92
37) 2-Methylnaphthalene	13.40	142	262027	36.109	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	123279	37.915	ng	#	97
40) Hexachlorocyclopentadiene	13.73	237	62737	37.860	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	80153	39.090	ng		92
43) 2,4,5-Trichlorophenol	14.05	196	92224	38.861	ng	#	95
45) 1,1'-Biphenyl	14.37	154	348285	36.388	ng		96
46) 2-Chloronaphthalene	14.42	162	260461	36.429	ng		96
47) 2-Nitroaniline	14.60	65	93481	51.056	ng		93
48) Acenaphthylene	15.26	152	434925	37.155	ng		99
49) Dimethylphthalate	14.95	163	333491	35.858	ng		100
50) 2,6-Dinitrotoluene	15.08	165	72885	47.469	ng		93
51) Acenaphthene	15.59	154	265595	36.432	ng		97
52) 3-Nitroaniline	15.41	138	85213	45.258	ng	#	86
53) 2,4-Dinitrophenol	15.61	184	13281	35.754	ng	#	9
54) Dibenzofuran	15.92	168	384207	37.013	ng		93
55) 4-Nitrophenol	15.68	139	43025	32.831	ng		93
56) 2,4-Dinitrotoluene	15.86	165	101354	54.417	ng		86
57) Fluorene	16.56	166	317456	37.054	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.13	232	76509m	41.524	ng		
59) Diethylphthalate	16.28	149	357310	36.426	ng		97
60) 4-Chlorophenyl-phenylether	16.54	204	153070	36.522	ng		90
61) 4-Nitroaniline	16.56	138	79630	40.484	ng		95
62) Azobenzene	16.82	77	329339	37.529	ng		95
64) 4,6-Dinitro-2-methylphenol	16.61	198	38504	51.275	ng		97
65) n-Nitrosodiphenylamine	16.74	169	290166	35.535	ng		99
66) 4-Bromophenyl-phenylether	17.42	248	97074	36.574	ng	#	87
67) Hexachlorobenzene	17.56	284	104727	36.513	ng		94
68) Atrazine	17.66	200	94908	35.310	ng		95
69) Pentachlorophenol	17.89	266	62254	34.458	ng		98
70) Phenanthrene	18.30	178	513631	36.678	ng		98
71) Anthracene	18.39	178	516884	36.765	ng		99
72) Carbazole	18.64	167	499138	36.019	ng		97
73) Di-n-butylphthalate	19.14	149	638623	37.565	ng		99
74) Fluoranthene	20.25	202	590190	38.153	ng		97
76) Benzidine	20.40	184	167423	19.707	ng		97
77) Pyrene	20.60	202	610839	34.753	ng		98
79) Butylbenzylphthalate	21.46	149	297165	38.133	ng		93
80) Benzo(a)anthracene	22.59	228	580495	36.321	ng		99
81) 3,3'-Dichlorobenzidine	22.47	252	195615	33.047	ng	#	96
82) Chrysene	22.66	228	554314	36.307	ng		99
83) Bis(2-ethylhexyl)phthalate	22.41	149	437842	37.957	ng	#	95
84) Di-n-octyl phthalate	23.82	149	703532	40.013	ng		99
85) Indeno(1,2,3-cd)pyrene	30.82	276	598783m	33.630	ng		
87) Benzo(b)fluoranthene	25.18	252	573390	36.095	ng	#	98
88) Benzo(k)fluoranthene	25.27	252	579684	36.718	ng	#	97
89) Benzo(a)pyrene	26.22	252	553082	36.605	ng	#	96
90) Dibenzo(a,h)anthracene	30.89	278	498223m	32.759	ng		
91) Benzo(g,h,i)perylene	32.20	276	513083m	34.223	ng		

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

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