Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
Data File : BG033102.D
Acq On : 12 Mar 2018 23:43
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/13/2018 4:20:38 PM

Quant Time: Mar 13 10:09:26 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	8.91	152	42202	20.00	ng		0.00
21) Naphthalene-d8	11.79	136	197685	20.00	ng		0.00
38) Acenaphthene-d10	15.53	164	120309	20.00	ng		0.00
63) Phenanthrene-d10	18.25	188	267989	20.00	ng		0.00
75) Chrysene-d12	22.61	240	258454	20.00	ng		0.00
86) Perylene-d12	26.40	264	283098	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.32	112	200651	76.07	ng		0.00
7) Phenol-d6	8.00	99	283953	77.23	ng		0.00
23) Nitrobenzene-d5	10.11	82	264133	91.82	ng		0.00
41) 2,4,6-Tribromophenol	16.99	330	112033	88.56	ng		0.00
44) 2-Fluorobiphenyl	14.15	172	591338	70.89	ng		0.00
78) Terphenyl-d14	20.77	244	821269	71.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.96	88	41316	36.089	ng		97
3) Pyridine	4.43	79	122946	38.964	ng		93
4) n-Nitrosodimethylamine	4.33	42	57432	45.398	ng	#	84
6) Aniline	8.20	93	184459	37.063	ng		99
8) 2-Chlorophenol	8.45	128	110694	38.338	ng		96
9) Benzaldehyde	8.01	77	67787	31.988	ng		95
10) Phenol	8.03	94	146271	39.464	ng		97
11) bis(2-Chloroethyl)ether	8.29	93	106355	35.092	ng		98
12) 1,3-Dichlorobenzene	8.80	146	122850	36.327	ng		99
13) 1,4-Dichlorobenzene	8.95	146	122492	35.984	ng		98
14) 1,2-Dichlorobenzene	9.28	146	119761	36.714	ng		96
15) Benzyl Alcohol	9.14	79	105221	38.927	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.43	45	219807	42.188	ng		99
17) 2-Methylphenol	9.34	107	103147	37.739	ng		96
18) Hexachloroethane	10.04	117	43651	37.662	ng		84
19) n-Nitroso-di-n-propylamine	9.72	70	96490	37.172	ng		93
20) 3+4-Methylphenols	9.67	107	145595	38.312	ng		94
22) Acetophenone	9.75	105	185537	37.163	ng	#	97
24) Nitrobenzene	10.15	77	138235	44.400	ng		93
25) Isophorone	10.67	82	247686	35.697	ng		97
26) 2-Nitrophenol	10.88	139	61961	53.472	ng		95
27) 2,4-Dimethylphenol	10.91	122	108464	35.984	ng		94
28) bis(2-Chloroethoxy)methane	11.15	93	139616	34.540	ng		97
29) 2,4-Dichlorophenol	11.42	162	105600	38.601	ng		96
30) 1,2,4-Trichlorobenzene	11.65	180	115262	35.943	ng		98
31) Naphthalene	11.85	128	379317	36.721	ng		98
32) Benzoic acid	11.01	122	74503	42.117	ng	#	83
33) 4-Chloroaniline	11.93	127	167046	36.167	ng		97
34) Hexachlorobutadiene	12.11	225	67650	37.609	ng		100
35) Caprolactam	12.67	113	43788	39.974	ng		95
36) 4-Chloro-3-methylphenol	12.99	107	131098	41.180	ng		97
37) 2-Methylnaphthalene	13.40	142	273641	36.615	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	131111	36.711	ng	#	98
40) Hexachlorocyclopentadiene	13.72	237	64914	35.665	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	86563	38.434	ng		99
43) 2,4,5-Trichlorophenol	14.04	196	101064	38.770	ng		96
45) 1,1'-Biphenyl	14.37	154	367409	34.948	ng		96
46) 2-Chloronaphthalene	14.42	162	272305	34.674	ng		95
47) 2-Nitroaniline	14.60	65	99357	49.723	ng		96
48) Acenaphthylene	15.25	152	462411	35.964	ng		98
49) Dimethylphthalate	14.95	163	361512	35.389	ng		100
50) 2,6-Dinitrotoluene	15.08	165	77554	46.263	ng		99
51) Acenaphthene	15.59	154	285239	35.622	ng		98
52) 3-Nitroaniline	15.41	138	87143	42.657	ng	#	89
53) 2,4-Dinitrophenol	15.61	184	16188	38.740	ng	#	1
54) Dibenzofuran	15.92	168	407179	35.712	ng		92
55) 4-Nitrophenol	15.68	139	49469	34.035	ng		96
56) 2,4-Dinitrotoluene	15.85	165	109021	53.575	ng		89
57) Fluorene	16.56	166	337139	35.826	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.13	232	79947m	39.502	ng		
59) Diethylphthalate	16.28	149	388394	36.047	ng		96
60) 4-Chlorophenyl-phenylether	16.53	204	167438	36.371	ng		91
61) 4-Nitroaniline	16.56	138	83854	39.031	ng		93
62) Azobenzene	16.82	77	351638	36.481	ng		96
64) 4,6-Dinitro-2-methylphenol	16.61	198	44580	54.250	ng		94
65) n-Nitrosodiphenylamine	16.74	169	306727	35.183	ng		99
66) 4-Bromophenyl-phenylether	17.43	248	103587	36.555	ng	#	88
67) Hexachlorobenzene	17.56	284	114093	37.258	ng		95
68) Atrazine	17.66	200	99429	34.648	ng		97
69) Pentachlorophenol	17.89	266	71028	36.824	ng		96
70) Phenanthrene	18.30	178	543960	36.383	ng		100
71) Anthracene	18.38	178	546886	36.434	ng		99
72) Carbazole	18.64	167	520026	35.149	ng		97
73) Di-n-butylphthalate	19.14	149	660889	36.412	ng		99
74) Fluoranthene	20.25	202	607596	36.790	ng		96
76) Benzidine	20.40	184	176681	20.055	ng		97
77) Pyrene	20.60	202	633587	34.762	ng		99
79) Butylbenzylphthalate	21.46	149	305258	37.775	ng		94
80) Benzo(a)anthracene	22.58	228	590619	35.637	ng		99
81) 3,3'-Dichlorobenzidine	22.47	252	211423	34.444	ng	#	98
82) Chrysene	22.66	228	582612	36.800	ng		98
83) Bis(2-ethylhexyl)phthalate	22.41	149	443592	37.084	ng		95
84) Di-n-octyl phthalate	23.82	149	709801	38.930	ng		98
85) Indeno(1,2,3-cd)pyrene	30.81	276	613377	33.221	ng	#	95
87) Benzo(b)fluoranthene	25.18	252	596062	35.610	ng		99
88) Benzo(k)fluoranthene	25.26	252	600486	36.097	ng	#	97
89) Benzo(a)pyrene	26.22	252	571389	35.889	ng	#	97
90) Dibenzo(a,h)anthracene	30.89	278	513325m	32.032	ng		
91) Benzo(g,h,i)perylene	32.21	276	525997m	33.297	ng		

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

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