Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_G\DATA\BG120817\
Data File : BG031433.D
Acq On : 8 Dec 2017 23:28
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/11/2017 6:17:28 PM

Quant Time: Dec 11 10:10:07 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 17:58:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	38473	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	185812	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	144032	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	385583	20.00	ng		0.00
75) Chrysene-d12	21.77	240	412547	20.00	ng		0.00
86) Perylene-d12	25.07	264	413678	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	170277	75.89	ng		0.00
7) Phenol-d6	7.29	99	250868	83.00	ng		0.00
23) Nitrobenzene-d5	9.30	82	258307	82.38	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	149346	64.10	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	745219	74.34	ng		0.00
78) Terphenyl-d14	20.08	244	1432381	76.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	27352	30.041	ng	#	84
3) Pyridine	3.94	79	84567	31.993	ng		97
4) n-Nitrosodimethylamine	3.85	42	50799	40.550	ng	#	77
6) Aniline	7.44	93	163944	41.213	ng		97
8) 2-Chlorophenol	7.69	128	101333	40.926	ng		89
9) Benzaldehyde	7.26	77	73921	34.947	ng		93
10) Phenol	7.32	94	130978	41.725	ng		97
11) bis(2-Chloroethyl)ether	7.53	93	101903	40.658	ng		94
12) 1,3-Dichlorobenzene	8.01	146	113860	39.195	ng		96
13) 1,4-Dichlorobenzene	8.16	146	117065	39.767	ng		94
14) 1,2-Dichlorobenzene	8.48	146	112074	39.666	ng		95
15) Benzyl Alcohol	8.36	79	97701	40.296	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.64	45	121501m	43.888	ng		
17) 2-Methylphenol	8.57	107	90536	41.418	ng		96
18) Hexachloroethane	9.21	117	41780	40.779	ng		93
19) n-Nitroso-di-n-propylamine	8.93	70	101088	43.985	ng	#	94
20) 3+4-Methylphenols	8.90	107	129552	41.680	ng		95
22) Acetophenone	8.95	105	187808	40.594	ng	#	97
24) Nitrobenzene	9.34	77	131695	41.114	ng		91
25) Isophorone	9.85	82	255339	41.753	ng		96
26) 2-Nitrophenol	10.05	139	68229	40.865	ng		91
27) 2,4-Dimethylphenol	10.11	122	98663	39.804	ng		96
28) bis(2-Chloroethoxy)methane	10.34	93	157996	41.020	ng		97
29) 2,4-Dichlorophenol	10.60	162	121138	40.698	ng		90
30) 1,2,4-Trichlorobenzene	10.81	180	140411	39.512	ng		95
31) Naphthalene	10.99	128	358587	39.257	ng		99
32) Benzoic acid	10.25	122	44383	24.624	ng		88
33) 4-Chloroaniline	11.10	127	168259	42.079	ng		96
34) Hexachlorobutadiene	11.27	225	94001	38.142	ng		98
35) Caprolactam	11.88	113	53433	43.945	ng	#	84
36) 4-Chloro-3-methylphenol	12.23	107	139984	43.211	ng	#	88
37) 2-Methylnaphthalene	12.59	142	289307	41.028	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	212786	37.223	ng		97
40) Hexachlorocyclopentadiene	12.93	237	66874	38.074	ng		87

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	122916	37.612	ng		99
43) 2,4,5-Trichlorophenol	13.28	196	136178	38.086	ng		94
45) 1,1'-Biphenyl	13.58	154	448227	37.529	ng		97
46) 2-Chloronaphthalene	13.63	162	327096	37.958	ng		97
47) 2-Nitroaniline	13.84	65	107903	42.246	ng		87
48) Acenaphthylene	14.48	152	545335	38.665	ng		98
49) Dimethylphthalate	14.20	163	497868	39.978	ng		99
50) 2,6-Dinitrotoluene	14.32	165	106054	41.317	ng	#	85
51) Acenaphthene	14.81	154	343746	39.024	ng		99
52) 3-Nitroaniline	14.66	138	111245	40.816	ng	#	87
53) 2,4-Dinitrophenol	14.89	184	15491	16.031	ng	#	44
54) Dibenzofuran	15.15	168	554748	39.539	ng		98
55) 4-Nitrophenol	14.99	139	74118	38.175	ng		91
56) 2,4-Dinitrotoluene	15.12	165	155815	41.989	ng	#	79
57) Fluorene	15.79	166	457034	40.123	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	131179	38.494	ng	#	93
59) Diethylphthalate	15.55	149	514271	40.654	ng		98
60) 4-Chlorophenyl-phenylether	15.78	204	276274	40.159	ng		92
61) 4-Nitroaniline	15.82	138	120138	41.627	ng		93
62) Azobenzene	16.08	77	415147	43.031	ng		97
64) 4,6-Dinitro-2-methylphenol	15.89	198	69116	26.967	ng		83
65) n-Nitrosodiphenylamine	16.00	169	444729	38.063	ng		100
66) 4-Bromophenyl-phenylether	16.67	248	176447	36.131	ng		99
67) Hexachlorobenzene	16.80	284	174047	33.541	ng		97
68) Atrazine	16.94	200	179936	37.325	ng		98
69) Pentachlorophenol	17.16	266	98194	34.233	ng		95
70) Phenanthrene	17.54	178	786917	39.197	ng		99
71) Anthracene	17.63	178	784551	39.001	ng		98
72) Carbazole	17.90	167	732686	38.872	ng		99
73) Di-n-butylphthalate	18.43	149	883973	38.196	ng		99
74) Fluoranthene	19.54	202	1015987	39.969	ng		98
76) Benzidine	19.71	184	407566	30.755	ng		98
77) Pyrene	19.90	202	1041180	42.531	ng		98
79) Butylbenzylphthalate	20.76	149	393440	40.308	ng		87
80) Benzo(a)anthracene	21.75	228	1009137	39.380	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	379451	36.683	ng		99
82) Chrysene	21.82	228	963329	40.639	ng		98
83) Bis(2-ethylhexyl)phthalate	21.62	149	565825	40.159	ng		97
84) Di-n-octyl phthalate	22.85	149	944003	41.165	ng		97
85) Indeno(1,2,3-cd)pyrene	28.86	276	1059259	36.757	ng	#	89
87) Benzo(b)fluoranthene	24.02	252	999976	39.962	ng		98
88) Benzo(k)fluoranthene	24.08	252	971492	39.168	ng		99
89) Benzo(a)pyrene	24.92	252	932583	39.231	ng		98
90) Dibenzo(a,h)anthracene	28.91	278	887701	36.535	ng		98
91) Benzo(g,h,i)perylene	30.05	276	877524	37.211	ng		98

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

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