Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
Data File : BG031609.D
Acq On : 16 Dec 2017 4:21
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/18/2017 5:07:58 PM

Quant Time: Dec 18 16:44:48 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	67203	20.00	ng		-0.01
21) Naphthalene-d8	10.91	136	305096	20.00	ng		-0.01
38) Acenaphthene-d10	14.72	164	209234	20.00	ng		-0.01
63) Phenanthrene-d10	17.47	188	524682	20.00	ng		-0.01
75) Chrysene-d12	21.74	240	552091	20.00	ng		-0.01
86) Perylene-d12	25.02	264	492504	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	315063	83.10	ng		0.00
7) Phenol-d6	7.27	99	431933	82.06	ng		0.00
23) Nitrobenzene-d5	9.26	82	402853	81.39	ng		-0.01
41) 2,4,6-Tribromophenol	16.22	330	215821	88.04	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	1153882	80.95	ng		0.00
78) Terphenyl-d14	20.06	244	1949108	80.32	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	62408	34.498	ng	#	80
3) Pyridine	3.91	79	178762	37.532	ng		87
4) n-Nitrosodimethylamine	3.82	42	81321	36.248	ng	#	91
6) Aniline	7.42	93	274794	39.644	ng		92
8) 2-Chlorophenol	7.66	128	176620	41.763	ng		87
9) Benzaldehyde	7.23	77	117115	38.388	ng		90
10) Phenol	7.30	94	214594	39.689	ng		90
11) bis(2-Chloroethyl)ether	7.51	93	172975	39.197	ng		89
12) 1,3-Dichlorobenzene	7.98	146	199568	39.682	ng		96
13) 1,4-Dichlorobenzene	8.13	146	203409	38.916	ng		95
14) 1,2-Dichlorobenzene	8.45	146	198625	39.892	ng		98
15) Benzyl Alcohol	8.34	79	157034	38.140	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.62	45	172390m	34.772	ng		
17) 2-Methylphenol	8.55	107	148845	40.385	ng		95
18) Hexachloroethane	9.18	117	68252	38.738	ng		89
19) n-Nitroso-di-n-propylamine	8.90	70	153015	36.936	ng	#	92
20) 3+4-Methylphenols	8.88	107	215822	39.308	ng		97
22) Acetophenone	8.92	105	302105	41.275	ng	#	92
24) Nitrobenzene	9.31	77	203079	40.037	ng		89
25) Isophorone	9.83	82	378992	40.514	ng	#	91
26) 2-Nitrophenol	10.02	139	114338	45.587	ng	#	85
27) 2,4-Dimethylphenol	10.08	122	163618	42.943	ng		95
28) bis(2-Chloroethoxy)methane	10.30	93	249384	41.293	ng		94
29) 2,4-Dichlorophenol	10.57	162	202472	45.105	ng		96
30) 1,2,4-Trichlorobenzene	10.77	180	238719	41.632	ng		97
31) Naphthalene	10.96	128	599428	39.992	ng		98
32) Benzoic acid	10.32	122	9946m	11.809	ng		
33) 4-Chloroaniline	11.07	127	266379	40.931	ng		93
34) Hexachlorobutadiene	11.24	225	156911	41.255	ng		97
35) Caprolactam	11.85	113	71200	40.393	ng	#	71
36) 4-Chloro-3-methylphenol	12.20	107	209804	40.946	ng		87
37) 2-Methylnaphthalene	12.56	142	464998	40.068	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	334635	40.922	ng	#	98
40) Hexachlorocyclopentadiene	12.90	237	76046	38.558	ng		92

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Quant Time: Dec 18 16:44:48 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	181320	43.399	ng		99
43) 2,4,5-Trichlorophenol	13.26	196	199423	44.312	ng	#	90
45) 1,1'-Biphenyl	13.56	154	695382	40.464	ng		97
46) 2-Chloronaphthalene	13.61	162	510334	40.573	ng		97
47) 2-Nitroaniline	13.81	65	140845	39.849	ng	#	75
48) Acenaphthylene	14.45	152	815742	40.305	ng		98
49) Dimethylphthalate	14.17	163	711088	41.050	ng		99
50) 2,6-Dinitrotoluene	14.30	165	154501	41.728	ng	#	77
51) Acenaphthene	14.79	154	513893	40.156	ng		99
52) 3-Nitroaniline	14.63	138	158324	41.947	ng	#	78
53) 2,4-Dinitrophenol	14.89	184	3533	11.079	ng	#	47
54) Dibenzofuran	15.12	168	816345	39.975	ng		100
55) 4-Nitrophenol	14.97	139	81342	34.025	ng	#	78
56) 2,4-Dinitrotoluene	15.10	165	218954	41.635	ng	#	70
57) Fluorene	15.77	166	662051	40.461	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.36	232	167582	39.615	ng	#	89
59) Diethylphthalate	15.52	149	709617	40.869	ng		98
60) 4-Chlorophenyl-phenylether	15.75	204	406914	40.647	ng		92
61) 4-Nitroaniline	15.80	138	165926	41.891	ng		87
62) Azobenzene	16.04	77	534996	37.195	ng		93
64) 4,6-Dinitro-2-methylphenol	15.87	198	34946	14.788	ng		78
65) n-Nitrosodiphenylamine	15.97	169	645496	42.031	ng		99
66) 4-Bromophenyl-phenylether	16.64	248	259408	42.518	ng		96
67) Hexachlorobenzene	16.78	284	265046	42.070	ng		94
68) Atrazine	16.91	200	241713	43.044	ng		98
69) Pentachlorophenol	17.13	266	72916	28.035	ng		100
70) Phenanthrene	17.51	178	1094741	39.951	ng		98
71) Anthracene	17.60	178	1100959	40.624	ng		99
72) Carbazole	17.87	167	1030723	42.027	ng		99
73) Di-n-butylphthalate	18.41	149	1185823	41.869	ng		99
74) Fluoranthene	19.51	202	1387221	40.452	ng		97
76) Benzidine	19.69	184	577231	44.927	ng		98
77) Pyrene	19.88	202	1416433	41.290	ng		97
79) Butylbenzylphthalate	20.74	149	543288	45.144	ng	#	82
80) Benzo(a)anthracene	21.72	228	1369690	41.103	ng		99
81) 3,3'-Dichlorobenzidine	21.63	252	495498	42.724	ng		97
82) Chrysene	21.79	228	1275780	39.935	ng		98
83) Bis(2-ethylhexyl)phthalate	21.59	149	737984	42.623	ng		100
84) Di-n-octyl phthalate	22.81	149	1179015	41.282	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.79	276	1263483	37.008	ng		98
87) Benzo(b)fluoranthene	23.98	252	1230810	41.801	ng		99
88) Benzo(k)fluoranthene	24.04	252	1269473	42.248	ng		98
89) Benzo(a)pyrene	24.86	252	1162225	41.609	ng		100
90) Dibenzo(a,h)anthracene	28.82	278	1070065	40.062	ng		97
91) Benzo(g,h,i)perylene	29.96	276	1037968	39.527	ng		98

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

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