Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092917\
Data File : BG028968.D
Acq On : 29 Sep 2017 14:22
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/2/2017 5:39:43 PM

Quant Time: Sep 29 17:52:44 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	43270	20.00	ng		-0.05
21) Naphthalene-d8	11.10	136	176740	20.00	ng		-0.05
38) Acenaphthene-d10	14.89	164	121294	20.00	ng		-0.05
63) Phenanthrene-d10	17.65	188	304566	20.00	ng		-0.05
75) Chrysene-d12	21.97	240	371208	20.00	ng		-0.06
86) Perylene-d12	25.42	264	375173	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.84	112	205009	78.18	ng		-0.06
7) Phenol-d6	7.44	99	302485	76.61	ng		-0.05
23) Nitrobenzene-d5	9.45	82	295830	80.07	ng		-0.05
41) 2,4,6-Tribromophenol	16.39	330	159174	79.34	ng		-0.05
44) 2-Fluorobiphenyl	13.52	172	721920	79.36	ng		-0.05
78) Terphenyl-d14	20.23	244	1339967	76.98	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	3.78	88	39059	36.781	ng	#	92
3) Pyridine	4.17	79	113038	37.315	ng		94
4) n-Nitrosodimethylamine	4.09	42	56619	41.088	ng		86
6) Aniline	7.60	93	178819	38.916	ng		98
8) 2-Chlorophenol	7.84	128	112981	38.648	ng		94
9) Benzaldehyde	7.42	77	90760	37.052	ng		98
10) Phenol	7.46	94	163742	39.296	ng		88
11) bis(2-Chloroethyl)ether	7.69	93	113204	37.841	ng		96
12) 1,3-Dichlorobenzene	8.17	146	124484	39.546	ng		94
13) 1,4-Dichlorobenzene	8.31	146	128514	39.703	ng		99
14) 1,2-Dichlorobenzene	8.64	146	122046	38.165	ng		97
15) Benzyl Alcohol	8.52	79	111026	36.022	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.79	45	205244	37.749	ng		97
17) 2-Methylphenol	8.72	107	104383	38.336	ng		95
18) Hexachloroethane	9.36	117	46621	39.298	ng		96
19) n-Nitroso-di-n-propylamine	9.08	70	104722	37.416	ng		91
20) 3+4-Methylphenols	9.05	107	143705	37.733	ng		93
22) Acetophenone	9.11	105	206740	40.006	ng	#	87
24) Nitrobenzene	9.49	77	159321	38.943	ng		94
25) Isophorone	10.01	82	279394	37.374	ng		97
26) 2-Nitrophenol	10.20	139	66072	37.947	ng		93
27) 2,4-Dimethylphenol	10.25	122	121986	38.327	ng		99
28) bis(2-Chloroethoxy)methane	10.49	93	159013	39.169	ng		98
29) 2,4-Dichlorophenol	10.74	162	123962	39.145	ng		93
30) 1,2,4-Trichlorobenzene	10.96	180	141989	39.304	ng		97
31) Naphthalene	11.15	128	365753	39.623	ng		96
32) Benzoic acid	10.42	122	72174m	33.968	ng		
33) 4-Chloroaniline	11.26	127	147948	38.260	ng		92
34) Hexachlorobutadiene	11.42	225	104511	39.278	ng		96
35) Caprolactam	12.04	113	41141	36.229	ng		94
36) 4-Chloro-3-methylphenol	12.37	107	155978	37.848	ng		94
37) 2-Methylnaphthalene	12.74	142	271632	39.414	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.10	216	203519	40.808	ng	#	96
40) Hexachlorocyclopentadiene	13.07	237	79418	44.699	ng		92

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
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QLast Update : Tue Sep 12 16:57:11 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.34	196	120654	38.117	ng		95
43) 2,4,5-Trichlorophenol	13.42	196	124673	39.197	ng		95
45) 1,1'-Biphenyl	13.73	154	395272	39.359	ng		98
46) 2-Chloronaphthalene	13.78	162	291003	39.728	ng		99
47) 2-Nitroaniline	13.99	65	105166	38.631	ng	#	89
48) Acenaphthylene	14.62	152	461390	39.426	ng		96
49) Dimethylphthalate	14.34	163	400149	39.342	ng		98
50) 2,6-Dinitrotoluene	14.47	165	88521	39.113	ng	#	84
51) Acenaphthene	14.96	154	275173	38.708	ng		96
52) 3-Nitroaniline	14.81	138	81769	40.856	ng		92
53) 2,4-Dinitrophenol	15.02	184	32185	32.291	ng		95
54) Dibenzofuran	15.29	168	447412	39.466	ng		93
55) 4-Nitrophenol	15.12	139	54696	37.301	ng	#	75
56) 2,4-Dinitrotoluene	15.26	165	127881	40.186	ng	#	88
57) Fluorene	15.94	166	396484	39.174	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.52	232	103382	36.880	ng	#	96
59) Diethylphthalate	15.69	149	406340	38.875	ng		98
60) 4-Chlorophenyl-phenylether	15.92	204	229174	39.766	ng		92
61) 4-Nitroaniline	15.97	138	85867	40.497	ng		91
62) Azobenzene	16.22	77	348908	39.690	ng		91
64) 4,6-Dinitro-2-methylphenol	16.03	198	76643	38.999	ng		94
65) n-Nitrosodiphenylamine	16.14	169	344852	39.498	ng		98
66) 4-Bromophenyl-phenylether	16.82	248	152470	38.906	ng		96
67) Hexachlorobenzene	16.95	284	174522	39.128	ng	#	88
68) Atrazine	17.08	200	142096	37.905	ng		98
69) Pentachlorophenol	17.30	266	77892	38.651	ng		98
70) Phenanthrene	17.69	178	610745	39.213	ng		95
71) Anthracene	17.78	178	616965	39.214	ng		98
72) Carbazole	18.05	167	583703	41.193	ng	#	95
73) Di-n-butylphthalate	18.58	149	699401	40.254	ng	#	94
74) Fluoranthene	19.69	202	784643	41.260	ng		92
76) Benzidine	19.86	184	478664m	49.725	ng		
77) Pyrene	20.05	202	821739	38.379	ng		95
79) Butylbenzylphthalate	20.91	149	339380	39.247	ng		93
80) Benzo(a)anthracene	21.94	228	887772	39.732	ng		94
81) 3,3'-Dichlorobenzidine	21.85	252	350965	38.741	ng	#	95
82) Chrysene	22.02	228	841340	39.684	ng		96
83) Bis(2-ethylhexyl)phthalate	21.80	149	489521	39.819	ng		99
84) Di-n-octyl phthalate	23.08	149	863938	40.222	ng	#	88
85) Indeno(1,2,3-cd)pyrene	29.39	276	1069807	39.273	ng	#	75
87) Benzo(b)fluoranthene	24.32	252	890604	39.622	ng		97
88) Benzo(k)fluoranthene	24.39	252	911069	40.578	ng		94
89) Benzo(a)pyrene	25.26	252	859036	40.263	ng		97
90) Dibenzo(a,h)anthracene	29.45	278	879907	39.558	ng		98
91) Benzo(g,h,i)perylene	30.64	276	863800	39.800	ng		96

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

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