Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
Data File : BG027287.D
Acq On : 7 Jun 2017 17:20
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/8/2017 2:22:55 PM

Quant Time: Jun 08 06:38:24 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	60621	20.00	ng		-0.02
21) Naphthalene-d8	11.38	136	301145	20.00	ng		-0.02
38) Acenaphthene-d10	15.14	164	186760	20.00	ng		-0.02
63) Phenanthrene-d10	17.89	188	392955	20.00	ng		-0.03
75) Chrysene-d12	22.28	240	441965	20.00	ng		-0.03
86) Perylene-d12	25.97	264	408287	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	6.14	112	342770	86.28	ng		-0.02
7) Phenol-d6	7.69	99	523709	89.81	ng		-0.01
23) Nitrobenzene-d5	9.72	82	457873	95.62	ng		-0.02
41) 2,4,6-Tribromophenol	16.63	330	206962	84.15	ng		-0.02
44) 2-Fluorobiphenyl	13.77	172	1095595	82.07	ng		-0.03
78) Terphenyl-d14	20.47	244	1377947	79.53	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	4.16	88	68069	41.32	ng	#	81
3) Pyridine	4.54	79	211017	41.56	ng	#	77
4) n-Nitrosodimethylamine	4.45	42	82954	44.12	ng	#	55
6) Aniline	7.88	93	285236	38.84	ng	#	94
8) 2-Chlorophenol	8.12	128	181582	43.29	ng		90
9) Benzaldehyde	7.71	77	175842	43.61	ng		85
10) Phenol	7.72	94	265422	44.51	ng	#	75
11) bis(2-Chloroethyl)ether	7.97	93	210391	43.00	ng		87
12) 1,3-Dichlorobenzene	8.45	146	193969	41.00	ng	#	91
13) 1,4-Dichlorobenzene	8.60	146	200235	41.24	ng		95
14) 1,2-Dichlorobenzene	8.92	146	193959	40.95	ng		96
15) Benzyl Alcohol	8.78	79	184389	44.88	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	9.07	45	319933	45.70	ng		93
17) 2-Methylphenol	8.97	107	183766	43.59	ng	#	86
18) Hexachloroethane	9.65	117	71154	43.50	ng	#	84
19) n-Nitroso-di-n-propylamine	9.35	70	178537	43.76	ng	#	87
20) 3+4-Methylphenols	9.30	107	258251	44.23	ng		88
22) Acetophenone	9.38	105	324887	42.19	ng	#	84
24) Nitrobenzene	9.77	77	251607	46.12	ng	#	87
25) Isophorone	10.29	82	483964	42.98	ng	#	97
26) 2-Nitrophenol	10.48	139	103096	46.16	ng	#	77
27) 2,4-Dimethylphenol	10.52	122	206583	42.67	ng		90
28) bis(2-Chloroethoxy)methane	10.76	93	307826	42.22	ng		100
29) 2,4-Dichlorophenol	11.01	162	188836	42.73	ng		98
30) 1,2,4-Trichlorobenzene	11.23	180	200211	40.91	ng		97
31) Naphthalene	11.43	128	667928	40.58	ng		100
32) Benzoic acid	10.62	122	101594	33.29	ng	#	87
33) 4-Chloroaniline	11.53	127	265963	38.78	ng	#	88
34) Hexachlorobutadiene	11.70	225	122170	40.62	ng		97
35) Caprolactam	12.30	113	66490	43.87	ng	#	77
36) 4-Chloro-3-methylphenol	12.60	107	234762	42.38	ng		92
37) 2-Methylnaphthalene	13.00	142	483687m	40.29	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.35	216	241376	41.49	ng		98
40) Hexachlorocyclopentadiene	13.33	237	128244	41.41	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.58	196	154559	43.80	ng		97
43) 2,4,5-Trichlorophenol	13.65	196	172921	43.79	ng		96
45) 1,1'-Biphenyl	13.98	154	628764	41.25	ng		97
46) 2-Chloronaphthalene	14.03	162	471920	41.29	ng		99
47) 2-Nitroaniline	14.22	65	151905	46.92	ng	#	83
48) Acenaphthylene	14.87	152	804541	41.59	ng		98
49) Dimethylphthalate	14.58	163	594162	40.10	ng		97
50) 2,6-Dinitrotoluene	14.70	165	128059	43.19	ng	#	80
51) Acenaphthene	15.20	154	508008	40.38	ng		99
52) 3-Nitroaniline	15.03	138	129590	41.87	ng		91
53) 2,4-Dinitrophenol	15.23	184	33487	33.00	ng	#	1
54) Dibenzofuran	15.53	168	700343	39.83	ng		93
55) 4-Nitrophenol	15.31	139	98336	38.57	ng	#	56
56) 2,4-Dinitrotoluene	15.48	165	167062	44.06	ng	#	88
57) Fluorene	16.19	166	621362	39.79	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.75	232	144530m	41.00	ng		
59) Diethylphthalate	15.93	149	585229	39.60	ng		97
60) 4-Chlorophenyl-phenylether	16.17	204	309781	39.38	ng		92
61) 4-Nitroaniline	16.20	138	128011	41.05	ng	#	66
62) Azobenzene	16.46	77	574351	41.94	ng		89
64) 4,6-Dinitro-2-methylphenol	16.24	198	67920	41.20	ng		91
65) n-Nitrosodiphenylamine	16.38	169	517457	42.00	ng		98
66) 4-Bromophenyl-phenylether	17.06	248	193665	41.64	ng		95
67) Hexachlorobenzene	17.19	284	208013	41.58	ng		92
68) Atrazine	17.31	200	172397	41.85	ng		97
69) Pentachlorophenol	17.53	266	110796	37.79	ng		100
70) Phenanthrene	17.94	178	886663	40.10	ng		96
71) Anthracene	18.03	178	898385	40.56	ng		98
72) Carbazole	18.29	167	838448	40.14	ng		95
73) Di-n-butylphthalate	18.82	149	860549	42.48	ng	#	94
74) Fluoranthene	19.92	202	972013	41.15	ng		95
76) Benzidine	20.09	184	151760	11.40	ng		96
77) Pyrene	20.29	202	1009899	37.82	ng		97
79) Butylbenzylphthalate	21.17	149	391415	41.48	ng		90
80) Benzo(a)anthracene	22.26	228	1039389	41.24	ng		96
81) 3,3'-Dichlorobenzidine	22.15	252	400719	40.87	ng		98
82) Chrysene	22.33	228	979942	40.50	ng		97
83) Bis(2-ethylhexyl)phthalate	22.12	149	567000	39.76	ng		99
84) Di-n-octyl phthalate	23.50	149	952187	40.32	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.23	276	1187657	40.53	ng	#	93
87) Benzo(b)fluoranthene	24.79	252	1041490	41.13	ng	#	96
88) Benzo(k)fluoranthene	24.86	252	1047537	42.17	ng	#	94
89) Benzo(a)pyrene	25.79	252	983855	41.27	ng	#	94
90) Dibenzo(a,h)anthracene	30.30	278	1040872	41.71	ng	#	96
91) Benzo(g,h,i)perylene	31.57	276	984972	40.76	ng	#	92

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

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