Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050118\
Data File : BG034079.D
Acq On : 1 May 2018 15:04
Operator : SJ/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
Sohil
5/2/2018 4:50:35 PM

Quant Time: May 01 17:07:29 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 15:30:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	60177	20.00	ng		0.01
21) Naphthalene-d8	10.89	136	250702	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	206237	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	532629	20.00	ng		0.00
75) Chrysene-d12	21.77	240	539163	20.00	ng		0.00
86) Perylene-d12	25.06	264	560305	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	383004	101.61	ng		0.00
7) Phenol-d6	7.22	99	580936	105.67	ng		0.00
23) Nitrobenzene-d5	9.24	82	687586	156.08	ng		0.00
41) 2,4,6-Tribromophenol	16.21	330	277560	115.36	ng		0.00
44) 2-Fluorobiphenyl	13.35	172	1357551	96.70	ng		0.00
78) Terphenyl-d14	20.09	244	2396574	99.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	81518	51.182	ng	#	80
3) Pyridine	3.95	79	264181	57.328	ng		87
4) n-Nitrosodimethylamine	3.87	42	138490	65.965	ng	#	72
6) Aniline	7.40	93	406326	55.291	ng	#	91
8) 2-Chlorophenol	7.64	128	191864	45.429	ng		90
9) Benzaldehyde	7.21	77	149319	49.807	ng		85
10) Phenol	7.25	94	298041	52.920	ng	#	74
11) bis(2-Chloroethyl)ether	7.50	93	237960	55.243	ng		93
12) 1,3-Dichlorobenzene	7.97	146	234123	48.155	ng	#	87
13) 1,4-Dichlorobenzene	8.11	146	228497m	46.402	ng		
14) 1,2-Dichlorobenzene	8.43	146	222540	46.471	ng		92
15) Benzyl Alcohol	8.31	79	322613	67.297	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.61	45	328009	39.043	ng		88
17) 2-Methylphenol	8.51	107	196291m	47.032	ng		
18) Hexachloroethane	9.17	117	96302	53.518	ng		96
19) n-Nitroso-di-n-propylamine	8.89	70	258830	55.232	ng		95
20) 3+4-Methylphenols	8.84	107	294240	48.520	ng	#	79
22) Acetophenone	8.90	105	433830	63.580	ng	#	98
24) Nitrobenzene	9.28	77	370100	77.097	ng	#	88
25) Isophorone	9.81	82	671582	67.807	ng	#	97
26) 2-Nitrophenol	9.99	139	111070	58.558	ng	#	74
27) 2,4-Dimethylphenol	10.05	122	195997	55.245	ng		85
28) bis(2-Chloroethoxy)methane	10.30	93	324672	62.027	ng		99
29) 2,4-Dichlorophenol	10.53	162	234944	59.405	ng		96
30) 1,2,4-Trichlorobenzene	10.75	180	278090	62.779	ng		94
31) Naphthalene	10.95	128	661932	51.344	ng		99
32) Benzoic acid	10.19	122	174336	53.181	ng	#	85
33) 4-Chloroaniline	11.05	127	306904	50.647	ng	#	84
34) Hexachlorobutadiene	11.23	225	237960	89.798	ng		98
35) Caprolactam	11.83	113	81680m	48.576	ng		
36) 4-Chloro-3-methylphenol	12.16	107	305274	63.242	ng		93
37) 2-Methylnaphthalene	12.55	142	542403	54.952	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	386470	56.433	ng		96
40) Hexachlorocyclopentadiene	12.90	237	234094	62.168	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	227217	54.418	ng		98
43) 2,4,5-Trichlorophenol	13.22	196	250911	52.270	ng	#	94
45) 1,1'-Biphenyl	13.55	154	784854	47.012	ng		99
46) 2-Chloronaphthalene	13.60	162	590789	46.671	ng		96
47) 2-Nitroaniline	13.80	65	253178	64.056	ng		88
48) Acenaphthylene	14.45	152	940823	44.712	ng		98
49) Dimethylphthalate	14.18	163	856490	47.211	ng		97
50) 2,6-Dinitrotoluene	14.29	165	181370	52.754	ng	#	71
51) Acenaphthene	14.79	154	645410	48.827	ng		96
52) 3-Nitroaniline	14.62	138	177659	47.589	ng	#	75
53) 2,4-Dinitrophenol	14.82	184	65271	53.087	ng	#	69
54) Dibenzofuran	15.12	168	930477	47.481	ng	#	90
55) 4-Nitrophenol	14.91	139	137650	47.014	ng	#	39
56) 2,4-Dinitrotoluene	15.08	165	245688	53.740	ng		89
57) Fluorene	15.77	166	796757	46.983	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.34	232	263280	59.902	ng		95
59) Diethylphthalate	15.55	149	915129	47.723	ng		97
60) 4-Chlorophenyl-phenylether	15.77	204	485414	54.725	ng		99
61) 4-Nitroaniline	15.79	138	184685	46.594	ng	#	47
62) Azobenzene	16.06	77	983280	57.524	ng		93
64) 4,6-Dinitro-2-methylphenol	15.84	198	135018	57.391	ng		91
65) n-Nitrosodiphenylamine	15.98	169	718003	46.367	ng		99
66) 4-Bromophenyl-phenylether	16.66	248	329319	56.300	ng		93
67) Hexachlorobenzene	16.77	284	337378	54.084	ng		96
68) Atrazine	16.93	200	289899	47.787	ng		92
69) Pentachlorophenol	17.11	266	244016	56.948	ng		94
70) Phenanthrene	17.52	178	1340716	46.922	ng		98
71) Anthracene	17.61	178	1347165	47.145	ng		99
72) Carbazole	17.87	167	1205978	43.747	ng		95
73) Di-n-butylphthalate	18.45	149	1476324	43.048	ng	#	95
74) Fluoranthene	19.53	202	1642368	47.517	ng		94
76) Benzidine	19.71	184	692223	47.545	ng		99
77) Pyrene	19.89	202	1695949	47.958	ng		94
79) Butylbenzylphthalate	20.79	149	675803	43.516	ng		87
80) Benzo(a)anthracene	21.75	228	1714527	50.429	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	669337	52.800	ng	#	98
82) Chrysene	21.82	228	1628019	50.146	ng		97
83) Bis(2-ethylhexyl)phthalate	21.69	149	934857	42.625	ng	#	96
84) Di-n-octyl phthalate	22.94	149	1487049	42.717	ng		98
85) Indeno(1,2,3-cd)pyrene	28.84	276	1900024m	51.413	ng		
87) Benzo(b)fluoranthene	24.02	252	1762182	51.554	ng	#	96
88) Benzo(k)fluoranthene	24.09	252	1661752	48.942	ng	#	96
89) Benzo(a)pyrene	24.92	252	1657538	50.633	ng	#	97
90) Dibenzo(a,h)anthracene	28.92	278	1526088	48.178	ng	#	94
91) Benzo(g,h,i)perylene	30.02	276	1534823	49.242	ng	#	92

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

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