Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021218\
Data File : BG032647.D
Acq On : 12 Feb 2018 13:20
Operator : SJ/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
2/14/2018 10:36:15 AM

Quant Time: Feb 12 16:02:20 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 15:32:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	29640	20.00	ng		0.00
21) Naphthalene-d8	11.55	136	131736	20.00	ng		0.00
38) Acenaphthene-d10	15.31	164	101028	20.00	ng		0.00
63) Phenanthrene-d10	18.05	188	251862	20.00	ng		0.00
75) Chrysene-d12	22.37	240	311091	20.00	ng		0.00
86) Perylene-d12	26.01	264	323648	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.12	112	24857	16.84	ng		0.00
7) Phenol-d6	7.79	99	36183	18.37	ng		0.00
23) Nitrobenzene-d5	9.88	82	37416	17.74	ng		0.00
41) 2,4,6-Tribromophenol	16.79	330	28587	14.87	ng		0.00
44) 2-Fluorobiphenyl	13.93	172	162400	19.11	ng		0.00
78) Terphenyl-d14	20.58	244	285847	19.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.79	88	5577	11.23	ng	#	81
3) Pyridine	4.24	79	13470	10.05	ng	#	83
4) n-Nitrosodimethylamine	4.18	42	6300m	9.03	ng		
6) Aniline	7.97	93	21996	8.96	ng		94
8) 2-Chlorophenol	8.23	128	16107	9.23	ng		84
9) Benzaldehyde	7.79	77	12752m	12.54	ng		
10) Phenol	7.82	94	16756m	8.96	ng		
11) bis(2-Chloroethyl)ether	8.06	93	13423	9.42	ng	#	78
12) 1,3-Dichlorobenzene	8.56	146	24194	10.26	ng		97
13) 1,4-Dichlorobenzene	8.71	146	23461	9.92	ng		94
14) 1,2-Dichlorobenzene	9.04	146	24193	10.45	ng		89
15) Benzyl Alcohol	8.92	79	11940	7.36	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.19	45	17208	12.75	ng		66
17) 2-Methylphenol	9.12	107	12135m	7.99	ng		
18) Hexachloroethane	9.79	117	8739	11.01	ng		93
19) n-Nitroso-di-n-propylamine	9.48	70	13497	10.34	ng	#	86
20) 3+4-Methylphenols	9.46	107	19339m	9.08	ng		
22) Acetophenone	9.52	105	26570	8.60	ng	#	93
24) Nitrobenzene	9.92	77	19613	9.62	ng		95
25) Isophorone	10.43	82	39405	10.97	ng	#	89
26) 2-Nitrophenol	10.65	139	9580m	7.77	ng		
27) 2,4-Dimethylphenol	10.68	122	13084	7.39	ng		89
28) bis(2-Chloroethoxy)methane	10.93	93	18350	9.32	ng	#	92
29) 2,4-Dichlorophenol	11.18	162	18561	7.92	ng		80
30) 1,2,4-Trichlorobenzene	11.40	180	30159m	9.65	ng		
31) Naphthalene	11.60	128	62666	9.74	ng		97
32) Benzoic acid	10.75	122	7888m	6.61	ng		
33) 4-Chloroaniline	11.71	127	22182	7.73	ng		98
34) Hexachlorobutadiene	11.87	225	25530	10.50	ng		92
35) Caprolactam	12.42	113	5319	7.90	ng	#	48
36) 4-Chloro-3-methylphenol	12.78	107	19737	8.88	ng	#	93
37) 2-Methylnaphthalene	13.16	142	49290	9.12	ng		89
39) 1,2,4,5-Tetrachlorobenzene	13.52	216	44166	9.34	ng	#	95
40) Hexachlorocyclopentadiene	13.49	237	24601	8.33	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.76	196	21868	8.51	ng		94
43) 2,4,5-Trichlorophenol	13.83	196	27327m	9.12	ng		
45) 1,1'-Biphenyl	14.15	154	79424	9.31	ng		95
46) 2-Chloronaphthalene	14.20	162	63910	9.55	ng		96
47) 2-Nitroaniline	14.40	65	12357	8.35	ng		90
48) Acenaphthylene	15.04	152	93569	9.25	ng		99
49) Dimethylphthalate	14.73	163	83995	9.02	ng		99
50) 2,6-Dinitrotoluene	14.87	165	17651	9.03	ng		92
51) Acenaphthene	15.37	154	61548	8.78	ng		96
52) 3-Nitroaniline	15.21	138	13554	7.94	ng	#	80
54) Dibenzofuran	15.70	168	95953	9.24	ng		98
55) 4-Nitrophenol	15.53	139	7110m	5.56	ng		
56) 2,4-Dinitrotoluene	15.66	165	21877	7.86	ng	#	70
57) Fluorene	16.35	166	80610	9.34	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.92	232	27001	9.13	ng	#	81
59) Diethylphthalate	16.08	149	82209	9.06	ng		99
60) 4-Chlorophenyl-phenylether	16.33	204	52266	9.61	ng		90
61) 4-Nitroaniline	16.38	138	13890m	7.59	ng		
62) Azobenzene	16.62	77	53245	9.82	ng		85
64) 4,6-Dinitro-2-methylphenol	16.41	198	11514	6.12	ng		74
65) n-Nitrosodiphenylamine	16.54	169	72951	9.71	ng		98
66) 4-Bromophenyl-phenylether	17.22	248	34553	9.26	ng		94
67) Hexachlorobenzene	17.35	284	38283	9.27	ng	#	89
68) Atrazine	17.46	200	30632	9.49	ng		96
69) Pentachlorophenol	17.69	266	17487	6.76	ng		98
70) Phenanthrene	18.09	178	132500	9.43	ng		97
71) Anthracene	18.18	178	135228	9.67	ng		98
72) Carbazole	18.45	167	115966	9.38	ng		99
73) Di-n-butylphthalate	18.95	149	127035	9.29	ng		99
74) Fluoranthene	20.06	202	179302	9.73	ng		95
76) Benzidine	20.23	184	75977	12.44	ng		99
77) Pyrene	20.41	202	188249	9.87	ng		98
79) Butylbenzylphthalate	21.27	149	54733	9.09	ng	#	83
80) Benzo(a)anthracene	22.35	228	194090	10.06	ng		96
81) 3,3'-Dichlorobenzidine	22.25	252	71295	9.54	ng	#	97
82) Chrysene	22.42	228	196338	10.54	ng		93
83) Bis(2-ethylhexyl)phthalate	22.19	149	82150	9.63	ng	#	97
84) Di-n-octyl phthalate	23.55	149	128602	9.50	ng	#	91
85) Indeno(1,2,3-cd)pyrene	30.24	276	214338	9.10	ng	#	70
87) Benzo(b)fluoranthene	24.84	252	183087	9.36	ng	#	96
88) Benzo(k)fluoranthene	24.92	252	194386	10.03	ng	#	94
89) Benzo(a)pyrene	25.85	252	183269	9.83	ng	#	88
90) Dibenzo(a,h)anthracene	30.31	278	178544	9.36	ng		96
91) Benzo(g,h,i)perylene	31.55	276	169864	8.97	ng	#	94

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

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