Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022616\
Data File : BG021080.D
Acq On : 26 Feb 2016 15:51
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
2/29/2016 10:21:35 AM

Quant Time: Feb 26 16:37:07 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 26 14:25:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	6223	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	29140	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	18002	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	44030	20.00	ng		0.00
75) Chrysene-d12	21.79	240	53550	20.00	ng		0.00
86) Perylene-d12	25.09	264	50161	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.73	112	59168	166.69	ng		0.00
7) Phenol-d6	7.32	99	89423	163.58	ng		0.00
23) Nitrobenzene-d5	9.34	82	99983	201.45	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	40889	189.60	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	234162	181.08	ng		0.00
78) Terphenyl-d14	20.11	244	383341	92.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	13020	142.07	ng		99
3) Pyridine	4.03	79	40533m	124.87	ng		
4) n-Nitrosodimethylamine	3.94	42	20581	154.15	ng		84
6) Aniline	7.51	93	56522	87.69	ng		94
8) 2-Chlorophenol	7.74	128	37833	88.83	ng		99
9) Benzaldehyde	7.32	77	17850	67.51	ng		87
10) Phenol	7.35	94	47080	82.55	ng		75
11) bis(2-Chloroethyl)ether	7.59	93	34847	76.12	ng		93
12) 1,3-Dichlorobenzene	8.06	146	39793	82.51	ng	#	93
13) 1,4-Dichlorobenzene	8.21	146	41630	82.69	ng		98
14) 1,2-Dichlorobenzene	8.53	146	38871	83.13	ng		98
15) Benzyl Alcohol	8.42	79	39026	104.83	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.70	45	39432	51.16	ng		86
17) 2-Methylphenol	8.60	107	32587	83.97	ng	#	88
18) Hexachloroethane	9.27	117	15865	87.76	ng	#	86
19) n-Nitroso-di-n-propylamine	8.99	70	34991	90.98	ng		97
20) 3+4-Methylphenols	8.95	107	45253	84.13	ng		94
22) Acetophenone	9.00	105	66100	98.04	ng	#	96
24) Nitrobenzene	9.39	77	53648	99.63	ng		92
25) Isophorone	9.92	82	95822	93.64	ng	#	98
26) 2-Nitrophenol	10.10	139	23028	96.46	ng	#	69
27) 2,4-Dimethylphenol	10.14	122	39477	91.65	ng		90
28) bis(2-Chloroethoxy)methane	10.39	93	45969	83.12	ng		96
29) 2,4-Dichlorophenol	10.63	162	38108	96.66	ng		98
30) 1,2,4-Trichlorobenzene	10.85	180	42922	101.50	ng		98
31) Naphthalene	11.04	128	120887	79.34	ng		98
32) Benzoic acid	10.34	122	36979	113.49	ng		90
33) 4-Chloroaniline	11.14	127	53449	87.65	ng	#	93
34) Hexachlorobutadiene	11.32	225	30096	128.13	ng		93
35) Caprolactam	11.95	113	12925m	83.68	ng		
36) 4-Chloro-3-methylphenol	12.25	107	46629	93.36	ng		93
37) 2-Methylnaphthalene	12.63	142	86575	78.07	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	57351	115.21	ng		99
40) Hexachlorocyclopentadiene	12.97	237	39000	138.41	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	36122	102.10	ng		98
43) 2,4,5-Trichlorophenol	13.29	196	37556	103.44	ng	#	95
45) 1,1'-Biphenyl	13.63	154	125682	80.48	ng		97
46) 2-Chloronaphthalene	13.67	162	96668	88.48	ng		99
47) 2-Nitroaniline	13.87	65	32923	99.86	ng	#	85
48) Acenaphthylene	14.51	152	152430	76.32	ng		99
49) Dimethylphthalate	14.24	163	127519	86.87	ng	#	98
50) 2,6-Dinitrotoluene	14.36	165	27118	90.22	ng	#	71
51) Acenaphthene	14.85	154	105412	91.77	ng		96
52) 3-Nitroaniline	14.69	138	26500	76.75	ng	#	84
53) 2,4-Dinitrophenol	14.89	184	19526	120.51	ng		91
54) Dibenzofuran	15.18	168	130672	80.12	ng		91
55) 4-Nitrophenol	14.98	139	22978	77.19	ng	#	61
56) 2,4-Dinitrotoluene	15.14	165	38461	89.08	ng	#	91
57) Fluorene	15.83	166	127929	83.02	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.40	232	31631	104.19	ng	#	94
59) Diethylphthalate	15.60	149	131517	81.74	ng		97
60) 4-Chlorophenyl-phenylether	15.81	204	70289	98.93	ng		97
61) 4-Nitroaniline	15.85	138	29717	82.21	ng	#	53
62) Azobenzene	16.11	77	117430	84.19	ng		88
64) 4,6-Dinitro-2-methylphenol	15.90	198	27628	103.59	ng		90
65) n-Nitrosodiphenylamine	16.03	169	107323	80.97	ng		93
66) 4-Bromophenyl-phenylether	16.71	248	42947	92.71	ng		93
67) Hexachlorobenzene	16.82	284	44888	88.50	ng	#	92
68) Atrazine	16.97	200	34447	82.90	ng		99
69) Pentachlorophenol	17.17	266	30167	103.07	ng		94
70) Phenanthrene	17.56	178	191296	76.81	ng		99
71) Anthracene	17.66	178	196099	79.02	ng		99
72) Carbazole	17.92	167	166880	74.62	ng		97
73) Di-n-butylphthalate	18.47	149	225126	82.63	ng	#	98
74) Fluoranthene	19.56	202	237048	94.64	ng		95
76) Benzidine	19.73	184	98952	36.32	ng		99
77) Pyrene	19.92	202	239487	39.14	ng		99
79) Butylbenzylphthalate	20.80	149	104929	48.63	ng	#	96
80) Benzo(a)anthracene	21.77	228	247681	77.13	ng		99
81) 3,3'-Dichlorobenzidine	21.68	252	96683	81.54	ng		100
82) Chrysene	21.84	228	237056	79.13	ng		99
83) Bis(2-ethylhexyl)phthalate	21.67	149	166154	70.56	ng	#	93
84) Di-n-octyl phthalate	22.92	149	265488	79.22	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.86	276	286799	106.44	ng	#	100
87) Benzo(b)fluoranthene	24.04	252	253592	76.68	ng	#	96
88) Benzo(k)fluoranthene	24.12	252	251222	80.52	ng	#	95
89) Benzo(a)pyrene	24.94	252	242926	81.98	ng	#	94
90) Dibenzo(a,h)anthracene	28.93	278	247080	92.58	ng		98
91) Benzo(g,h,i)perylene	30.06	276	237753	89.27	ng		94

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

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