Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013017\
Data File : BG025717.D
Acq On : 30 Jan 2017 23:08
Operator : SJ/MA
Sample : 8270SPK
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
8270SPK

Manual Integrations APPROVED
mohammad
1/31/2017 3:41:23 PM

Quant Time: Jan 31 00:53:49 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 18:29:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	61475	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	252416	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	200924	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	465055	20.00	ng		0.00
75) Chrysene-d12	21.84	240	658397	20.00	ng		0.00
86) Perylene-d12	25.21	264	676937	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0d	0.00	ng		
7) Phenol-d6	0.00	99	0d	0.00	ng		
23) Nitrobenzene-d5	0.00	82	0d	0.00	ng		
41) 2,4,6-Tribromophenol	0.00	330	0d	0.00	ng		
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	76100	48.94	ng		94
3) Pyridine	3.94	79	212449	50.35	ng		94
4) n-Nitrosodimethylamine	3.87	42	131469	54.16	ng		84
6) Aniline	7.49	93	285216	40.41	ng		96
8) 2-Chlorophenol	7.73	128	225984	58.04	ng		96
9) Benzaldehyde	7.31	77	202236	47.58	ng		95
10) Phenol	7.36	94	324267	57.59	ng		95
11) bis(2-Chloroethyl)ether	7.58	93	236159	53.04	ng		92
12) 1,3-Dichlorobenzene	8.05	146	245550	51.57	ng		94
13) 1,4-Dichlorobenzene	8.20	146	248871	51.41	ng		98
14) 1,2-Dichlorobenzene	8.52	146	235602	50.79	ng		98
15) Benzyl Alcohol	8.42	79	261542	60.37	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.69	45	432409	48.10	ng		94
17) 2-Methylphenol	8.62	107	204535	53.18	ng		97
18) Hexachloroethane	9.24	117	98133	49.78	ng		95
19) n-Nitroso-di-n-propylamine	8.97	70	217823	49.27	ng		98
20) 3+4-Methylphenols	8.95	107	273208	52.05	ng		96
22) Acetophenone	9.00	105	353564	51.16	ng	#	97
24) Nitrobenzene	9.40	77	324198	49.70	ng		98
25) Isophorone	9.91	82	589241	50.62	ng		98
26) 2-Nitrophenol	10.11	139	131891	57.07	ng		96
27) 2,4-Dimethylphenol	10.15	122	240990	59.86	ng		98
28) bis(2-Chloroethoxy)methane	10.38	93	326477	52.99	ng		96
29) 2,4-Dichlorophenol	10.65	162	241056	58.35	ng		98
30) 1,2,4-Trichlorobenzene	10.85	180	256689	53.42	ng		95
31) Naphthalene	11.04	128	681945	52.04	ng		99
32) Benzoic acid	10.32	122	128547	49.13	ng		93
33) 4-Chloroaniline	11.17	127	155604	28.57	ng		94
34) Hexachlorobutadiene	11.30	225	191315	48.94	ng		96
35) Caprolactam	11.95	113	89695m	50.95	ng		
36) 4-Chloro-3-methylphenol	12.28	107	283846	56.40	ng		94
37) 2-Methylnaphthalene	12.64	142	521102	51.51	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	326492	48.52	ng		96
40) Hexachlorocyclopentadiene	12.96	237	294416	108.82	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.25	196	218832	55.55	ng		96
43) 2,4,5-Trichlorophenol	13.33	196	220108	51.76	ng		94
45) 1,1'-Biphenyl	13.63	154	715490	51.19	ng		94
46) 2-Chloronaphthalene	13.69	162	562893	51.28	ng		98
47) 2-Nitroaniline	13.90	65	243107	51.46	ng		96
48) Acenaphthylene	14.53	152	876523	48.00	ng		97
49) Dimethylphthalate	14.24	163	762986	50.43	ng		100
50) 2,6-Dinitrotoluene	14.39	165	166658	48.64	ng		97
51) Acenaphthene	14.86	154	557117	49.37	ng		98
52) 3-Nitroaniline	14.73	138	109487	33.89	ng		96
53) 2,4-Dinitrophenol	14.95	184	206110	98.12	ng	#	85
54) Dibenzofuran	15.20	168	902009	52.91	ng		96
55) 4-Nitrophenol	15.05	139	247484	97.74	ng		94
56) 2,4-Dinitrotoluene	15.18	165	256537	51.17	ng	#	79
57) Fluorene	15.84	166	732923	48.39	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.43	232	235670	59.30	ng		95
59) Diethylphthalate	15.59	149	806262	50.26	ng		97
60) 4-Chlorophenyl-phenylether	15.82	204	401213	48.86	ng		95
61) 4-Nitroaniline	15.90	138	165271	50.94	ng		99
62) Azobenzene	16.12	77	896401	54.92	ng		97
64) 4,6-Dinitro-2-methylphenol	15.95	198	177321	53.65	ng		84
65) n-Nitrosodiphenylamine	16.04	169	688441	51.57	ng		99
66) 4-Bromophenyl-phenylether	16.72	248	291310	51.51	ng		96
67) Hexachlorobenzene	16.85	284	314814	49.49	ng		92
68) Atrazine	16.98	200	311790	47.31	ng		99
69) Pentachlorophenol	17.20	266	318106	113.82	ng		95
70) Phenanthrene	17.59	178	1286755	50.92	ng		96
71) Anthracene	17.68	178	1345311	51.62	ng		99
72) Carbazole	17.96	167	1226294	48.59	ng		98
73) Di-n-butylphthalate	18.47	149	1496420	51.24	ng		99
74) Fluoranthene	19.59	202	1744636	50.37	ng		96
76) Benzidine	19.77	184	1074231	47.51	ng		98
77) Pyrene	19.95	202	1806452	49.25	ng		100
79) Butylbenzylphthalate	20.80	149	787501	51.72	ng		98
80) Benzo(a)anthracene	21.81	228	1915174	49.12	ng		99
81) 3,3'-Dichlorobenzidine	21.72	252	457140	29.87	ng		95
82) Chrysene	21.88	228	1750405	47.49	ng		99
83) Bis(2-ethylhexyl)phthalate	21.65	149	1092216	51.50	ng		98
84) Di-n-octyl phthalate	22.90	149	1835003	53.27	ng		98
85) Indeno(1,2,3-cd)pyrene	29.11	276	2286530	50.89	ng	#	98
87) Benzo(b)fluoranthene	24.13	252	1972887	50.42	ng		99
88) Benzo(k)fluoranthene	24.20	252	1839611	48.04	ng		96
89) Benzo(a)pyrene	25.06	252	1878326	50.47	ng		97
90) Dibenzo(a,h)anthracene	29.16	278	1902413	49.43	ng		97
91) Benzo(g,h,i)perylene	30.34	276	1886084	49.32	ng	#	97

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

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