Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021717\
Data File : BG025860.D
Acq On : 17 Feb 2017 15:37
Operator : SJ/MA
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG021717

Manual Integrations APPROVED
mohammad
2/20/2017 12:58:33 PM

Quant Time: Feb 17 16:31:51 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 15:48:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	102001	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	513912	20.00	ng		0.00
38) Acenaphthene-d10	14.69	164	362973	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	758520	20.00	ng		0.00
75) Chrysene-d12	21.67	240	781639	20.00	ng		0.00
86) Perylene-d12	24.88	264	769378	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	468743	80.01	ng		0.00
7) Phenol-d6	7.24	99	696876	80.38	ng		0.00
23) Nitrobenzene-d5	9.24	82	668563	82.10	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	270600	80.69	ng		0.00
44) 2-Fluorobiphenyl	13.32	172	1663066	80.06	ng		0.00
78) Terphenyl-d14	20.02	244	2444077	76.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	107663	40.21	ng	#	84
3) Pyridine	3.95	79	321449	40.29	ng	#	79
4) n-Nitrosodimethylamine	3.86	42	116920	40.75	ng	#	37
6) Aniline	7.41	93	481920	39.98	ng		92
8) 2-Chlorophenol	7.65	128	278885	40.05	ng		87
9) Benzaldehyde	7.22	77	208294	40.55	ng	#	74
10) Phenol	7.26	94	376329	39.95	ng	#	74
11) bis(2-Chloroethyl)ether	7.50	93	307749	39.74	ng		91
12) 1,3-Dichlorobenzene	7.98	146	316877	39.37	ng	#	89
13) 1,4-Dichlorobenzene	8.13	146	328110m	40.24	ng		
14) 1,2-Dichlorobenzene	8.44	146	311598	38.93	ng		93
15) Benzyl Alcohol	8.32	79	258594	40.73	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	8.62	45	449327	39.98	ng		92
17) 2-Methylphenol	8.51	107	273559	40.31	ng	#	82
18) Hexachloroethane	9.18	117	106926	39.57	ng		89
19) n-Nitroso-di-n-propylamine	8.89	70	257259	40.63	ng	#	83
20) 3+4-Methylphenols	8.84	107	395247	40.87	ng		84
22) Acetophenone	8.90	105	494550	40.10	ng	#	82
24) Nitrobenzene	9.28	77	362203	41.13	ng	#	79
25) Isophorone	9.81	82	734949	41.01	ng	#	91
26) 2-Nitrophenol	9.99	139	175141	42.53	ng	#	72
27) 2,4-Dimethylphenol	10.05	122	311077	40.47	ng		87
28) bis(2-Chloroethoxy)methane	10.29	93	454392	40.01	ng		99
29) 2,4-Dichlorophenol	10.53	162	303126	41.32	ng		96
30) 1,2,4-Trichlorobenzene	10.75	180	321743	40.33	ng		96
31) Naphthalene	10.94	128	1059859	39.89	ng		99
32) Benzoic acid	10.17	122	241547	41.16	ng	#	76
33) 4-Chloroaniline	11.03	127	458783	39.76	ng	#	86
34) Hexachlorobutadiene	11.23	225	182204	40.14	ng		98
35) Caprolactam	11.80	113	123814	41.80	ng	#	84
36) 4-Chloro-3-methylphenol	12.14	107	352984	40.22	ng	#	81
37) 2-Methylnaphthalene	12.53	142	813331	40.19	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	363860	40.00	ng		99
40) Hexachlorocyclopentadiene	12.88	237	207267	41.64	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	241843	41.16	ng		96
43) 2,4,5-Trichlorophenol	13.20	196	274594	41.17	ng		93
45) 1,1'-Biphenyl	13.53	154	1058797	40.25	ng		99
46) 2-Chloronaphthalene	13.57	162	761452	40.04	ng		97
47) 2-Nitroaniline	13.76	65	252520	41.87	ng	#	72
48) Acenaphthylene	14.41	152	1372962	40.55	ng		99
49) Dimethylphthalate	14.14	163	1005026	40.36	ng		98
50) 2,6-Dinitrotoluene	14.25	165	235810	42.16	ng	#	72
51) Acenaphthene	14.75	154	904212	40.44	ng		98
52) 3-Nitroaniline	14.58	138	262620	41.97	ng	#	74
53) 2,4-Dinitrophenol	14.78	184	125443	42.86	ng		89
54) Dibenzofuran	15.09	168	1183319	39.69	ng	#	89
55) 4-Nitrophenol	14.87	139	218347	42.88	ng	#	50
56) 2,4-Dinitrotoluene	15.04	165	325439	43.25	ng	#	81
57) Fluorene	15.73	166	1057662	39.70	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.31	232	244459	41.54	ng		97
59) Diethylphthalate	15.50	149	1042533	40.48	ng		97
60) 4-Chlorophenyl-phenylether	15.72	204	490197	39.71	ng		92
61) 4-Nitroaniline	15.73	138	273750	42.21	ng	#	55
62) Azobenzene	16.01	77	897128	40.52	ng		88
64) 4,6-Dinitro-2-methylphenol	15.80	198	182438	41.10	ng		93
65) n-Nitrosodiphenylamine	15.93	169	909559	39.54	ng		99
66) 4-Bromophenyl-phenylether	16.61	248	312975	39.37	ng		95
67) Hexachlorobenzene	16.73	284	317136	38.70	ng		96
68) Atrazine	16.87	200	327049	40.17	ng		95
69) Pentachlorophenol	17.07	266	211360	41.82	ng		96
70) Phenanthrene	17.46	178	1620481	39.35	ng		97
71) Anthracene	17.56	178	1667383	39.72	ng		99
72) Carbazole	17.81	167	1677793	39.78	ng		97
73) Di-n-butylphthalate	18.38	149	1752560	42.34	ng	#	94
74) Fluoranthene	19.46	202	1830828	40.38	ng		94
76) Benzidine	19.63	184	1077940	43.69	ng	#	95
77) Pyrene	19.82	202	1899776	38.43	ng		99
79) Butylbenzylphthalate	20.71	149	791050	42.17	ng		88
80) Benzo(a)anthracene	21.66	228	1786272	39.14	ng		98
81) 3,3'-Dichlorobenzidine	21.56	252	643102	39.53	ng	#	97
82) Chrysene	21.72	228	1725275	39.31	ng		99
83) Bis(2-ethylhexyl)phthalate	21.57	149	1135469	41.92	ng		99
84) Di-n-octyl phthalate	22.78	149	1883814	42.11	ng	#	87
85) Indeno(1,2,3-cd)pyrene	28.55	276	2076286	40.17	ng	#	92
87) Benzo(b)fluoranthene	23.87	252	1835787	39.84	ng	#	96
88) Benzo(k)fluoranthene	23.94	252	1811471	40.29	ng	#	93
89) Benzo(a)pyrene	24.74	252	1748185	40.07	ng	#	94
90) Dibenzo(a,h)anthracene	28.61	278	1745965	39.83	ng	#	93
91) Benzo(g,h,i)perylene	29.69	276	1750606	39.83	ng	#	88

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

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