Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022918.D
Acq On : 8 Jul 2016 6:03
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations
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7/8/2016 7:10:49 PM

Quant Time: Jul 08 07:12:03 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	112709	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	534644	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	401693	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	969500	20.00	ng		0.00
75) Chrysene-d12	21.85	240	1059472	20.00	ng		0.00
86) Perylene-d12	25.20	264	1086532	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	558669	81.07	ng		0.00
7) Phenol-d6	7.31	99	893205	82.75	ng		0.00
23) Nitrobenzene-d5	9.33	82	993341	79.56	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	538038	74.53	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2060115	80.78	ng		0.00
78) Terphenyl-d14	20.15	244	2819727	84.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	107905	40.28	ng		94
3) Pyridine	3.97	79	378770	41.32	ng		96
4) n-Nitrosodimethylamine	3.89	42	162260	41.26	ng	#	95
6) Aniline	7.48	93	619076	41.39	ng		98
8) 2-Chlorophenol	7.72	128	303529	41.39	ng		96
9) Benzaldehyde	7.28	77	285088	39.53	ng		95
10) Phenol	7.33	94	458707	41.30	ng		94
11) bis(2-Chloroethyl)ether	7.56	93	347798	39.51	ng		89
12) 1,3-Dichlorobenzene	8.04	146	357975	39.88	ng		94
13) 1,4-Dichlorobenzene	8.19	146	374293	41.65	ng		95
14) 1,2-Dichlorobenzene	8.51	146	354666	39.70	ng		98
15) Benzyl Alcohol	8.39	79	417946	42.28	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	432099	40.19	ng		97
17) 2-Methylphenol	8.60	107	292679	40.48	ng		96
18) Hexachloroethane	9.25	117	150661	39.71	ng		91
19) n-Nitroso-di-n-propylamine	8.96	70	389635	40.04	ng		96
20) 3+4-Methylphenols	8.93	107	422919	41.95	ng		98
22) Acetophenone	8.98	105	629271	39.22	ng	#	93
24) Nitrobenzene	9.37	77	530048	39.95	ng		97
25) Isophorone	9.89	82	980255	39.03	ng		98
26) 2-Nitrophenol	10.08	139	207283	39.82	ng		90
27) 2,4-Dimethylphenol	10.14	122	356089	39.57	ng		91
28) bis(2-Chloroethoxy)methane	10.37	93	553000	39.48	ng		97
29) 2,4-Dichlorophenol	10.62	162	393744	41.02	ng		98
30) 1,2,4-Trichlorobenzene	10.84	180	440964	40.09	ng		95
31) Naphthalene	11.04	128	1096778	40.30	ng		99
32) Benzoic acid	10.28	122	322291	39.37	ng		96
33) 4-Chloroaniline	11.14	127	536171	40.28	ng		95
34) Hexachlorobutadiene	11.31	225	361772	40.58	ng		96
35) Caprolactam	11.92	113	138439	35.06	ng		99
36) 4-Chloro-3-methylphenol	12.26	107	515049	39.23	ng		97
37) 2-Methylnaphthalene	12.63	142	867171	40.31	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	706761	40.83	ng		97
40) Hexachlorocyclopentadiene	12.97	237	407814	40.92	ng		99

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	402581	40.46	ng		98
43) 2,4,5-Trichlorophenol	13.31	196	408384	39.97	ng		95
45) 1,1'-Biphenyl	13.63	154	1242612	41.23	ng		99
46) 2-Chloronaphthalene	13.68	162	993304	40.63	ng		98
47) 2-Nitroaniline	13.88	65	421938	40.45	ng		95
48) Acenaphthylene	14.53	152	1461609	39.85	ng		99
49) Dimethylphthalate	14.24	163	1255376	38.26	ng		97
50) 2,6-Dinitrotoluene	14.37	165	285382	38.70	ng	#	78
51) Acenaphthene	14.86	154	1088880m	45.43	ng		
52) 3-Nitroaniline	14.71	138	301512	41.00	ng		80
53) 2,4-Dinitrophenol	14.91	184	181134	35.80	ng		88
54) Dibenzofuran	15.20	168	1409550	39.29	ng		97
55) 4-Nitrophenol	15.01	139	229422	37.22	ng		93
56) 2,4-Dinitrotoluene	15.15	165	417690	38.85	ng		96
57) Fluorene	15.85	166	1209204	39.16	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.43	232	398231m	38.96	ng		
59) Diethylphthalate	15.60	149	1262311	37.81	ng		99
60) 4-Chlorophenyl-phenylether	15.83	204	724824	38.54	ng		97
61) 4-Nitroaniline	15.87	138	300669	37.79	ng	#	85
62) Azobenzene	16.13	77	1248994	39.11	ng		92
64) 4,6-Dinitro-2-methylphenol	15.92	198	282690	39.23	ng		96
65) n-Nitrosodiphenylamine	16.05	169	1138981	40.78	ng		99
66) 4-Bromophenyl-phenylether	16.74	248	494453	39.20	ng		95
67) Hexachlorobenzene	16.86	284	554218	40.41	ng		95
68) Atrazine	17.00	200	487960	39.38	ng		98
69) Pentachlorophenol	17.21	266	341307	38.43	ng		97
70) Phenanthrene	17.60	178	1901211	40.02	ng		99
71) Anthracene	17.69	178	1935237	40.22	ng		98
72) Carbazole	17.96	167	1656852	39.86	ng		100
73) Di-n-butylphthalate	18.50	149	1912944	41.38	ng		98
74) Fluoranthene	19.60	202	2230864	38.26	ng		98
76) Benzidine	19.78	184	1099540	36.20	ng		98
77) Pyrene	19.97	202	2286446	38.40	ng		99
79) Butylbenzylphthalate	20.83	149	936089	39.70	ng		95
80) Benzo(a)anthracene	21.83	228	2368068	39.95	ng		99
81) 3,3'-Dichlorobenzidine	21.74	252	1034863	39.77	ng		96
82) Chrysene	21.89	228	2222181	39.96	ng		96
83) Bis(2-ethylhexyl)phthalate	21.71	149	1290036	39.40	ng		97
84) Di-n-octyl phthalate	22.96	149	2183214	39.98	ng		98
85) Indeno(1,2,3-cd)pyrene	29.04	276	2772719	39.11	ng	#	100
87) Benzo(b)fluoranthene	24.13	252	2522138	40.23	ng		98
88) Benzo(k)fluoranthene	24.20	252	2453000	41.23	ng	#	98
89) Benzo(a)pyrene	25.04	252	2400737	39.95	ng		98
90) Dibenzo(a,h)anthracene	29.12	278	2398739	40.22	ng	#	94
91) Benzo(g,h,i)perylene	30.25	276	2420116	40.52	ng	#	96

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

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