Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122916\
Data File : BG025411.D
Acq On : 29 Dec 2016 19:30
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
12/30/2016 8:43:28 AM

Quant Time: Dec 30 00:53:10 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 18:42:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	56835	20.00	ng		0.00
21) Naphthalene-d8	11.04	136	247845	20.00	ng		0.00
38) Acenaphthene-d10	14.83	164	195151	20.00	ng		0.00
63) Phenanthrene-d10	17.58	188	453668	20.00	ng		0.00
75) Chrysene-d12	21.87	240	602239	20.00	ng		0.00
86) Perylene-d12	25.28	264	657726	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	271121	86.71	ng		0.00
7) Phenol-d6	7.37	99	394115	89.50	ng		0.00
23) Nitrobenzene-d5	9.39	82	475202	84.70	ng		0.00
41) 2,4,6-Tribromophenol	16.33	330	263942	84.01	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	1032310	85.64	ng		0.00
78) Terphenyl-d14	20.16	244	1892112	83.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	56497	42.35	ng		91
3) Pyridine	4.01	79	170541	44.10	ng		92
4) n-Nitrosodimethylamine	3.92	42	103033	44.88	ng		97
6) Aniline	7.53	93	256603	43.00	ng		92
8) 2-Chlorophenol	7.77	128	147440	41.80	ng		95
9) Benzaldehyde	7.35	77	130628	40.54	ng		98
10) Phenol	7.40	94	208823	42.78	ng		93
11) bis(2-Chloroethyl)ether	7.62	93	162880	43.30	ng		88
12) 1,3-Dichlorobenzene	8.10	146	182274	42.70	ng		98
13) 1,4-Dichlorobenzene	8.24	146	191639	43.32	ng		93
14) 1,2-Dichlorobenzene	8.57	146	176187	41.74	ng		98
15) Benzyl Alcohol	8.45	79	192255	45.73	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.72	45	306473	44.00	ng		98
17) 2-Methylphenol	8.65	107	141443	44.12	ng		97
18) Hexachloroethane	9.29	117	74324	43.75	ng		94
19) n-Nitroso-di-n-propylamine	9.01	70	161968	43.54	ng		91
20) 3+4-Methylphenols	8.98	107	195283	44.01	ng		97
22) Acetophenone	9.04	105	281285	40.85	ng	#	96
24) Nitrobenzene	9.43	77	254015	41.28	ng		99
25) Isophorone	9.95	82	431089	42.44	ng		97
26) 2-Nitrophenol	10.15	139	100274	42.61	ng		95
27) 2,4-Dimethylphenol	10.19	122	158513	40.97	ng		90
28) bis(2-Chloroethoxy)methane	10.42	93	217255	41.18	ng		99
29) 2,4-Dichlorophenol	10.69	162	179601	43.38	ng		97
30) 1,2,4-Trichlorobenzene	10.89	180	208190	41.62	ng		89
31) Naphthalene	11.09	128	519290	41.96	ng		97
32) Benzoic acid	10.35	122	124253	39.93	ng		91
33) 4-Chloroaniline	11.20	127	226697	43.55	ng		93
34) Hexachlorobutadiene	11.34	225	168095	41.17	ng		99
35) Caprolactam	11.98	113	65675	42.22	ng		98
36) 4-Chloro-3-methylphenol	12.31	107	210715	41.23	ng		93
37) 2-Methylnaphthalene	12.67	142	394521	43.01	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	279709	43.41	ng	#	97
40) Hexachlorocyclopentadiene	13.00	237	99480	46.28	ng		97

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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	13.28	196	173870	42.86	ng		98
43) 2,4,5-Trichlorophenol	13.37	196	174839	41.17	ng		96
45) 1,1'-Biphenyl	13.67	154	566002	43.12	ng		94
46) 2-Chloronaphthalene	13.72	162	434345	42.35	ng		99
47) 2-Nitroaniline	13.94	65	192938	44.57	ng		96
48) Acenaphthylene	14.56	152	672953	42.34	ng		97
49) Dimethylphthalate	14.28	163	605000	42.52	ng		98
50) 2,6-Dinitrotoluene	14.42	165	128444	41.33	ng		96
51) Acenaphthene	14.90	154	443751	42.69	ng		97
52) 3-Nitroaniline	14.76	138	126743	42.42	ng		98
53) 2,4-Dinitrophenol	14.98	184	77353	40.62	ng	#	86
54) Dibenzofuran	15.23	168	705763	42.94	ng		96
55) 4-Nitrophenol	15.08	139	94555	42.37	ng		89
56) 2,4-Dinitrotoluene	15.21	165	198803	43.93	ng	#	96
57) Fluorene	15.88	166	580530	42.19	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.46	232	188858	41.52	ng		95
59) Diethylphthalate	15.62	149	628657	42.14	ng		99
60) 4-Chlorophenyl-phenylether	15.86	204	327097	41.95	ng		98
61) 4-Nitroaniline	15.92	138	129019	42.91	ng	#	73
62) Azobenzene	16.15	77	626796	43.56	ng		99
64) 4,6-Dinitro-2-methylphenol	15.98	198	142679	45.41	ng		95
65) n-Nitrosodiphenylamine	16.08	169	523133	42.66	ng		99
66) 4-Bromophenyl-phenylether	16.76	248	238953	42.69	ng		98
67) Hexachlorobenzene	16.88	284	278740	43.40	ng		91
68) Atrazine	17.01	200	216414	40.28	ng		96
69) Pentachlorophenol	17.23	266	132811	39.89	ng		98
70) Phenanthrene	17.63	178	983321m	42.06	ng		
71) Anthracene	17.71	178	994688	41.87	ng		99
72) Carbazole	17.99	167	879758	41.40	ng		97
73) Di-n-butylphthalate	18.50	149	1068495	40.87	ng		97
74) Fluoranthene	19.62	202	1288070	41.71	ng		94
76) Benzidine	19.80	184	591525	39.38	ng		99
77) Pyrene	19.99	202	1329502	42.24	ng		97
79) Butylbenzylphthalate	20.83	149	531228	42.04	ng		98
80) Benzo(a)anthracene	21.86	228	1432267	42.64	ng		95
81) 3,3'-Dichlorobenzidine	21.76	252	566655	43.43	ng	#	98
82) Chrysene	21.93	228	1369382	42.51	ng		96
83) Bis(2-ethylhexyl)phthalate	21.70	149	741517	42.16	ng		97
84) Di-n-octyl phthalate	22.95	149	1261625	43.21	ng		96
85) Indeno(1,2,3-cd)pyrene	29.22	276	1779549	43.46	ng	#	99
87) Benzo(b)fluoranthene	24.19	252	1516510	42.26	ng	#	96
88) Benzo(k)fluoranthene	24.26	252	1410110	40.69	ng	#	96
89) Benzo(a)pyrene	25.13	252	1436492	41.45	ng		94
90) Dibenzo(a,h)anthracene	29.26	278	1505250	40.98	ng		96
91) Benzo(g,h,i)perylene	30.46	276	1500231	41.10	ng		96

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

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