Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
Data File : BG023366.D
Acq On : 31 Jul 2016 12:52
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
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8/1/2016 7:12:40 PM

Quant Time: Aug 01 02:13:19 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:30:33 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	175334	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	877727	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	598472	20.00	ng		-0.02
63) Phenanthrene-d10	17.55	188	1355653	20.00	ng		-0.02
75) Chrysene-d12	21.87	240	1103192	20.00	ng		-0.02
86) Perylene-d12	25.25	264	1133542	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	830800	80.89	ng		0.00
7) Phenol-d6	7.29	99	1256741	79.70	ng		0.00
23) Nitrobenzene-d5	9.31	82	1330086	74.11	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	627894	101.37	ng		-0.02
44) 2-Fluorobiphenyl	13.41	172	2658542	83.14	ng		0.00
78) Terphenyl-d14	20.16	244	2842353	83.75	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	162526	36.90	ng	#	91
3) Pyridine	3.94	79	566465	36.74	ng	#	93
4) n-Nitrosodimethylamine	3.85	42	202712	29.10	ng	#	66
6) Aniline	7.45	93	911837	43.29	ng		96
8) 2-Chlorophenol	7.70	128	486338	42.44	ng		92
9) Benzaldehyde	7.26	77	483418	42.68	ng		93
10) Phenol	7.31	94	672684	40.43	ng		80
11) bis(2-Chloroethyl)ether	7.54	93	568968	40.23	ng		97
12) 1,3-Dichlorobenzene	8.02	146	538164m	41.67	ng		
13) 1,4-Dichlorobenzene	8.17	146	561837	42.65	ng		96
14) 1,2-Dichlorobenzene	8.49	146	541256	42.59	ng		94
15) Benzyl Alcohol	8.37	79	476366	44.89	ng	#	90
16) 2,2'-oxybis(1-Chloropropan	8.65	45	801750	35.63	ng		91
17) 2-Methylphenol	8.58	107	464037	40.80	ng	#	83
18) Hexachloroethane	9.22	117	216540	39.45	ng		95
19) n-Nitroso-di-n-propylamine	8.94	70	560309	39.51	ng		94
20) 3+4-Methylphenols	8.91	107	655527	42.40	ng		90
22) Acetophenone	8.97	105	908928	39.66	ng	#	87
24) Nitrobenzene	9.35	77	718217	34.46	ng	#	85
25) Isophorone	9.88	82	1391008	37.52	ng	#	91
26) 2-Nitrophenol	10.07	139	336398	42.73	ng	#	70
27) 2,4-Dimethylphenol	10.12	122	545604	41.12	ng		86
28) bis(2-Chloroethoxy)methane	10.36	93	848624	40.80	ng		98
29) 2,4-Dichlorophenol	10.61	162	556780	43.34	ng		97
30) 1,2,4-Trichlorobenzene	10.83	180	595773	41.96	ng		97
31) Naphthalene	11.02	128	1652013	40.51	ng		98
32) Benzoic acid	10.28	122	484752	45.40	ng		91
33) 4-Chloroaniline	11.13	127	842126	44.70	ng	#	91
34) Hexachlorobutadiene	11.30	225	377178	40.54	ng		96
35) Caprolactam	11.91	113	226616	41.48	ng		91
36) 4-Chloro-3-methylphenol	12.25	107	686010	40.65	ng	#	83
37) 2-Methylnaphthalene	12.62	142	1284000	42.46	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	840993	43.40	ng		98
40) Hexachlorocyclopentadiene	12.96	237	439063	47.82	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	518015	45.52	ng		97
43) 2,4,5-Trichlorophenol	13.30	196	526584	43.62	ng		92
45) 1,1'-Biphenyl	13.62	154	1780096	42.65	ng		93
46) 2-Chloronaphthalene	13.67	162	1390677	41.58	ng		95
47) 2-Nitroaniline	13.88	65	548182	38.74	ng	#	82
48) Acenaphthylene	14.52	152	2117053	41.34	ng		95
49) Dimethylphthalate	14.24	163	1725888	39.08	ng	#	95
50) 2,6-Dinitrotoluene	14.37	165	421723	40.78	ng	#	73
51) Acenaphthene	14.86	154	1339337	40.32	ng		98
52) 3-Nitroaniline	14.70	138	466729	44.81	ng	#	77
53) 2,4-Dinitrophenol	14.91	184	276540	45.67	ng	#	79
54) Dibenzofuran	15.19	168	1912277	40.69	ng		95
55) 4-Nitrophenol	15.02	139	367992	40.73	ng	#	67
56) 2,4-Dinitrotoluene	15.16	165	582791	40.02	ng	#	87
57) Fluorene	15.84	166	1661351	40.03	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.42	232	452448	44.27	ng		94
59) Diethylphthalate	15.60	149	1741810	38.50	ng		95
60) 4-Chlorophenyl-phenylether	15.83	204	903462	40.21	ng		94
61) 4-Nitroaniline	15.87	138	471742	43.19	ng	#	57
62) Azobenzene	16.13	77	1686517	35.96	ng		86
64) 4,6-Dinitro-2-methylphenol	15.93	198	394349	45.29	ng		90
65) n-Nitrosodiphenylamine	16.05	169	1566822	43.29	ng	#	92
66) 4-Bromophenyl-phenylether	16.73	248	629895	45.95	ng		93
67) Hexachlorobenzene	16.85	284	670649	48.66	ng		98
68) Atrazine	17.00	200	544428	39.22	ng		95
69) Pentachlorophenol	17.20	266	394665	46.40	ng		99
70) Phenanthrene	17.59	178	2471950	41.69	ng		92
71) Anthracene	17.69	178	2513809	41.96	ng		94
72) Carbazole	17.96	167	2225734	40.56	ng		97
73) Di-n-butylphthalate	18.50	149	2442328	39.89	ng		97
74) Fluoranthene	19.60	202	2516002	37.18	ng		90
76) Benzidine	19.79	184	1132900	36.51	ng		100
77) Pyrene	19.97	202	2569778	41.05	ng		94
79) Butylbenzylphthalate	20.84	149	1092884	39.68	ng		92
80) Benzo(a)anthracene	21.85	228	2341628	40.54	ng		98
81) 3,3'-Dichlorobenzidine	21.75	252	1003339	42.84	ng	#	95
82) Chrysene	21.91	228	2187128	39.19	ng		94
83) Bis(2-ethylhexyl)phthalate	21.72	149	1529933	39.70	ng	#	96
84) Di-n-octyl phthalate	22.99	149	2599633	41.24	ng		99
85) Indeno(1,2,3-cd)pyrene	29.11	276	2861951	43.97	ng	#	100
87) Benzo(b)fluoranthene	24.17	252	2505556	41.61	ng	#	96
88) Benzo(k)fluoranthene	24.24	252	2465114	40.95	ng	#	95
89) Benzo(a)pyrene	25.09	252	2409576	40.83	ng	#	94
90) Dibenzo(a,h)anthracene	29.18	278	2460301	44.08	ng	#	89
91) Benzo(g,h,i)perylene	30.33	276	2478652	42.18	ng	#	89

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

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