Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072916\
Data File : BG023337.D
Acq On : 29 Jul 2016 13:05
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
umangi
7/29/2016 6:22:33 PM

Quant Time: Jul 29 13:41:09 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	8.14	152	249026	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	1189841	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	796388	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	1669366	20.00	ng		0.00
75) Chrysene-d12	21.90	240	1662932	20.00	ng		0.00
86) Perylene-d12	25.30	264	1724144	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	1105212	75.77	ng		0.00
7) Phenol-d6	7.29	99	1709897	76.35	ng		0.00
23) Nitrobenzene-d5	9.32	82	1700067	69.87	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	773825	93.88	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	3153119	74.10	ng		0.00
78) Terphenyl-d14	20.18	244	3425219	66.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	207642	33.19	ng	#	91
3) Pyridine	3.94	79	668687	30.54	ng		94
4) n-Nitrosodimethylamine	3.85	42	291224	29.44	ng	#	72
6) Aniline	7.46	93	1098315	36.72	ng		95
8) 2-Chlorophenol	7.70	128	655084	40.25	ng		98
9) Benzaldehyde	7.27	77	522242	32.46	ng		93
10) Phenol	7.32	94	893215	37.80	ng		83
11) bis(2-Chloroethyl)ether	7.55	93	726958	36.19	ng		95
12) 1,3-Dichlorobenzene	8.03	146	718895m	39.20	ng		
13) 1,4-Dichlorobenzene	8.17	146	740553	39.58	ng		94
14) 1,2-Dichlorobenzene	8.50	146	711366	39.41	ng		93
15) Benzyl Alcohol	8.38	79	635378	42.16	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.66	45	1134082	35.48	ng		88
17) 2-Methylphenol	8.58	107	623807	38.62	ng	#	90
18) Hexachloroethane	9.23	117	283161	36.32	ng		93
19) n-Nitroso-di-n-propylamine	8.95	70	701079	34.80	ng		97
20) 3+4-Methylphenols	8.92	107	889666	40.51	ng		90
22) Acetophenone	8.97	105	1136604	36.59	ng	#	91
24) Nitrobenzene	9.36	77	1008365	35.69	ng	#	87
25) Isophorone	9.88	82	1816496	36.15	ng	#	91
26) 2-Nitrophenol	10.08	139	448452	42.02	ng	#	75
27) 2,4-Dimethylphenol	10.13	122	704001	39.14	ng		88
28) bis(2-Chloroethoxy)methane	10.36	93	1005505	35.66	ng		95
29) 2,4-Dichlorophenol	10.62	162	736896	42.31	ng		98
30) 1,2,4-Trichlorobenzene	10.83	180	766532	39.83	ng		94
31) Naphthalene	11.03	128	2146908	38.83	ng	#	94
32) Benzoic acid	10.30	122	585424	41.33	ng		93
33) 4-Chloroaniline	11.13	127	985795	38.60	ng		93
34) Hexachlorobutadiene	11.30	225	495651	39.30	ng		96
35) Caprolactam	11.93	113	281726	38.04	ng	#	90
36) 4-Chloro-3-methylphenol	12.26	107	905013	39.56	ng	#	89
37) 2-Methylnaphthalene	12.63	142	1617691m	39.46	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	1051594	40.79	ng		98
40) Hexachlorocyclopentadiene	12.97	237	480753	39.35	ng		98

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	650477	42.95	ng		99
43) 2,4,5-Trichlorophenol	13.32	196	676705	42.12	ng		97
45) 1,1'-Biphenyl	13.64	154	2185502	39.35	ng		90
46) 2-Chloronaphthalene	13.68	162	1707911	38.37	ng		92
47) 2-Nitroaniline	13.89	65	690520	36.68	ng	#	88
48) Acenaphthylene	14.53	152	2585416	37.94	ng	#	92
49) Dimethylphthalate	14.26	163	2152054	36.62	ng	#	94
50) 2,6-Dinitrotoluene	14.38	165	538337	39.12	ng	#	82
51) Acenaphthene	14.88	154	1711960	38.73	ng		97
52) 3-Nitroaniline	14.72	138	547492	39.50	ng	#	78
53) 2,4-Dinitrophenol	14.93	184	310878	38.58	ng	#	85
54) Dibenzofuran	15.21	168	2330754	37.27	ng		98
55) 4-Nitrophenol	15.03	139	434478	36.13	ng	#	73
56) 2,4-Dinitrotoluene	15.17	165	739451	38.16	ng		90
57) Fluorene	15.86	166	2041253	36.96	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.44	232	555159	40.82	ng		92
59) Diethylphthalate	15.62	149	2152329	35.75	ng		93
60) 4-Chlorophenyl-phenylether	15.84	204	1109653	37.12	ng		97
61) 4-Nitroaniline	15.89	138	566013	38.94	ng	#	64
62) Azobenzene	16.14	77	2133789	34.19	ng		90
64) 4,6-Dinitro-2-methylphenol	15.94	198	479568	44.73	ng		96
65) n-Nitrosodiphenylamine	16.07	169	1848336	41.47	ng	#	92
66) 4-Bromophenyl-phenylether	16.75	248	754186	44.68	ng		97
67) Hexachlorobenzene	16.87	284	791716	46.65	ng		98
68) Atrazine	17.02	200	710222	41.54	ng		97
69) Pentachlorophenol	17.22	266	478245	45.66	ng		98
70) Phenanthrene	17.62	178	2927298	40.09	ng	#	89
71) Anthracene	17.71	178	2946906	39.94	ng	#	89
72) Carbazole	17.98	167	2704908	40.03	ng		92
73) Di-n-butylphthalate	18.52	149	2998736	39.77	ng	#	94
74) Fluoranthene	19.63	202	3134999	37.62	ng		85
76) Benzidine	19.80	184	1437834	30.74	ng		99
77) Pyrene	19.99	202	3190152	33.80	ng	#	89
79) Butylbenzylphthalate	20.87	149	1602501	38.60	ng		98
80) Benzo(a)anthracene	21.88	228	3205132	36.81	ng		93
81) 3,3'-Dichlorobenzidine	21.78	252	1481754	41.98	ng	#	96
82) Chrysene	21.95	228	3058389	36.36	ng	#	88
83) Bis(2-ethylhexyl)phthalate	21.75	149	2179951	37.53	ng		95
84) Di-n-octyl phthalate	23.03	149	3540331	37.26	ng		97
85) Indeno(1,2,3-cd)pyrene	29.20	276	4434971	45.20	ng	#	100
87) Benzo(b)fluoranthene	24.22	252	3560530	38.87	ng	#	93
88) Benzo(k)fluoranthene	24.29	252	3463144	37.82	ng	#	91
89) Benzo(a)pyrene	25.14	252	3482639	38.80	ng	#	93
90) Dibenzo(a,h)anthracene	29.28	278	3586875	42.25	ng	#	88
91) Benzo(g,h,i)perylene	30.43	276	3648443	40.82	ng	#	87

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

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