Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102516\
Data File : BG024510.D
Acq On : 25 Oct 2016 23:20
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
10/26/2016 4:51:15 PM

Quant Time: Oct 26 11:48:12 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	107275	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	422429	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	330821	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	766266	20.00	ng		0.00
75) Chrysene-d12	21.93	240	1077101	20.00	ng		0.00
86) Perylene-d12	25.36	264	1187195	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	482026	73.65	ng		0.00
7) Phenol-d6	7.40	99	699934	77.96	ng		0.00
23) Nitrobenzene-d5	9.45	82	705529	76.04	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	403454	81.63	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1487228	74.72	ng		0.00
78) Terphenyl-d14	20.21	244	2691725	74.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	101129	37.82	ng		93
3) Pyridine	4.08	79	307438	38.40	ng		95
4) n-Nitrosodimethylamine	3.99	42	151844	36.64	ng	#	82
6) Aniline	7.59	93	411847	36.21	ng		98
8) 2-Chlorophenol	7.83	128	245451	36.88	ng		85
9) Benzaldehyde	7.40	77	204392	36.84	ng		82
10) Phenol	7.43	94	347760	37.58	ng		96
11) bis(2-Chloroethyl)ether	7.68	93	258290	37.15	ng		94
12) 1,3-Dichlorobenzene	8.16	146	301602	36.61	ng		96
13) 1,4-Dichlorobenzene	8.31	146	310430	38.15	ng		98
14) 1,2-Dichlorobenzene	8.63	146	284928	36.42	ng		94
15) Benzyl Alcohol	8.50	79	311377	37.28	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.79	45	486484	37.71	ng		98
17) 2-Methylphenol	8.70	107	230217	37.54	ng		97
18) Hexachloroethane	9.36	117	112937	36.10	ng		96
19) n-Nitroso-di-n-propylamine	9.07	70	245486	37.10	ng		96
20) 3+4-Methylphenols	9.03	107	302534	36.74	ng		98
22) Acetophenone	9.10	105	400442	36.90	ng	#	92
24) Nitrobenzene	9.49	77	398306	38.59	ng		97
25) Isophorone	10.01	82	638933	37.02	ng		98
26) 2-Nitrophenol	10.20	139	145357	37.94	ng	#	89
27) 2,4-Dimethylphenol	10.24	122	264302	39.41	ng		97
28) bis(2-Chloroethoxy)methane	10.48	93	341791	38.28	ng		97
29) 2,4-Dichlorophenol	10.73	162	267286	37.97	ng		95
30) 1,2,4-Trichlorobenzene	10.95	180	308070	36.89	ng		95
31) Naphthalene	11.15	128	792400	37.61	ng		98
32) Benzoic acid	10.35	122	220087	39.40	ng		93
33) 4-Chloroaniline	11.25	127	348476	38.09	ng		98
34) Hexachlorobutadiene	11.42	225	251025	38.41	ng		95
35) Caprolactam	12.02	113	95606	37.10	ng		89
36) 4-Chloro-3-methylphenol	12.34	107	315223	37.09	ng		94
37) 2-Methylnaphthalene	12.73	142	598491	38.93	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	413159	37.03	ng		96
40) Hexachlorocyclopentadiene	13.07	237	234376	37.30	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	260940	38.91	ng		96
43) 2,4,5-Trichlorophenol	13.39	196	269698	37.19	ng		94
45) 1,1'-Biphenyl	13.73	154	849747	37.02	ng		95
46) 2-Chloronaphthalene	13.77	162	644297	36.86	ng		98
47) 2-Nitroaniline	13.97	65	284066	39.69	ng		92
48) Acenaphthylene	14.62	152	995360	37.13	ng		98
49) Dimethylphthalate	14.33	163	889246	37.86	ng		98
50) 2,6-Dinitrotoluene	14.46	165	196047	39.10	ng		97
51) Acenaphthene	14.95	154	759755	38.02	ng		98
52) 3-Nitroaniline	14.79	138	190686	36.75	ng		99
53) 2,4-Dinitrophenol	14.99	184	136798	37.65	ng		83
54) Dibenzofuran	15.28	168	1040871	37.67	ng		99
55) 4-Nitrophenol	15.07	139	168254	37.22	ng		90
56) 2,4-Dinitrotoluene	15.24	165	288763	39.63	ng	#	98
57) Fluorene	15.93	166	871631	38.04	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.50	232	286301	38.08	ng		98
59) Diethylphthalate	15.68	149	918324	37.30	ng		98
60) 4-Chlorophenyl-phenylether	15.91	204	478919	37.25	ng		96
61) 4-Nitroaniline	15.95	138	225701	39.82	ng		92
62) Azobenzene	16.21	77	919090	37.43	ng		97
64) 4,6-Dinitro-2-methylphenol	15.99	198	208763	39.54	ng		87
65) n-Nitrosodiphenylamine	16.13	169	766759	36.60	ng		99
66) 4-Bromophenyl-phenylether	16.81	248	336818	36.21	ng		93
67) Hexachlorobenzene	16.93	284	396098	38.54	ng	#	90
68) Atrazine	17.06	200	336430	37.44	ng		95
69) Pentachlorophenol	17.27	266	269259	39.70	ng		95
70) Phenanthrene	17.67	178	1458557	37.34	ng		96
71) Anthracene	17.76	178	1486939	37.74	ng		100
72) Carbazole	18.03	167	1362611	37.92	ng		96
73) Di-n-butylphthalate	18.56	149	1591060	38.40	ng		98
74) Fluoranthene	19.67	202	1956029	39.62	ng		96
76) Benzidine	19.84	184	915302	36.07	ng		97
77) Pyrene	20.02	202	2012237	38.22	ng		98
79) Butylbenzylphthalate	20.89	149	843989	38.45	ng		98
80) Benzo(a)anthracene	21.90	228	2208158	37.32	ng		98
81) 3,3'-Dichlorobenzidine	21.81	252	875959	36.69	ng		98
82) Chrysene	21.97	228	2143483	38.04	ng		100
83) Bis(2-ethylhexyl)phthalate	21.77	149	1177117	37.49	ng		98
84) Di-n-octyl phthalate	23.05	149	2024898	38.86	ng		95
85) Indeno(1,2,3-cd)pyrene	29.30	276	2931087	37.68	ng		94
87) Benzo(b)fluoranthene	24.25	252	2343356m	36.52	ng		
88) Benzo(k)fluoranthene	24.33	252	2277351	36.75	ng		96
89) Benzo(a)pyrene	25.19	252	2355155	37.56	ng		97
90) Dibenzo(a,h)anthracene	29.38	278	2524229	36.68	ng		97
91) Benzo(g,h,i)perylene	30.55	276	2496406	36.31	ng		96

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

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