Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
Data File : BG024685.D
Acq On : 4 Nov 2016 21:18
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 99 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
11/7/2016 4:36:28 PM

Quant Time: Nov 05 00:38:55 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	83586	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	344339	20.00	ng		0.00
38) Acenaphthene-d10	14.88	164	268530	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	625114	20.00	ng		0.00
75) Chrysene-d12	21.92	240	892238	20.00	ng		0.00
86) Perylene-d12	25.35	264	923497	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	423026	82.95	ng		0.00
7) Phenol-d6	7.40	99	609218	87.09	ng		0.00
23) Nitrobenzene-d5	9.44	82	638339	84.40	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	354869	88.46	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1348168	83.45	ng		0.00
78) Terphenyl-d14	20.20	244	2460030	82.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	87875	42.18	ng		91
3) Pyridine	4.07	79	272628	43.70	ng		87
4) n-Nitrosodimethylamine	3.99	42	137596	42.61	ng	#	87
6) Aniline	7.58	93	373064	42.10	ng		97
8) 2-Chlorophenol	7.83	128	226392	43.66	ng		92
9) Benzaldehyde	7.40	77	174095	40.27	ng		95
10) Phenol	7.43	94	310464	43.05	ng		95
11) bis(2-Chloroethyl)ether	7.67	93	235272	43.43	ng		89
12) 1,3-Dichlorobenzene	8.15	146	273645	42.63	ng		94
13) 1,4-Dichlorobenzene	8.30	146	271887	42.88	ng		95
14) 1,2-Dichlorobenzene	8.62	146	253904	41.65	ng		96
15) Benzyl Alcohol	8.49	79	273976	42.10	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.78	45	409010	40.69	ng		96
17) 2-Methylphenol	8.69	107	202006	42.28	ng		95
18) Hexachloroethane	9.36	117	99003	40.62	ng	#	81
19) n-Nitroso-di-n-propylamine	9.06	70	207406	40.23	ng	#	94
20) 3+4-Methylphenols	9.02	107	280356	43.70	ng		96
22) Acetophenone	9.09	105	362404	40.97	ng	#	93
24) Nitrobenzene	9.48	77	349801	41.57	ng		99
25) Isophorone	10.00	82	559801	39.79	ng		98
26) 2-Nitrophenol	10.19	139	136863	43.83	ng		99
27) 2,4-Dimethylphenol	10.23	122	224874	41.13	ng		98
28) bis(2-Chloroethoxy)methane	10.47	93	292233	40.15	ng		97
29) 2,4-Dichlorophenol	10.73	162	236199	41.16	ng		93
30) 1,2,4-Trichlorobenzene	10.94	180	282508	41.50	ng		97
31) Naphthalene	11.14	128	721667	42.02	ng		99
32) Benzoic acid	10.36	122	149702m	32.88	ng		
33) 4-Chloroaniline	11.25	127	319546	42.85	ng		94
34) Hexachlorobutadiene	11.41	225	220704	41.43	ng		96
35) Caprolactam	12.02	113	84330	40.14	ng		92
36) 4-Chloro-3-methylphenol	12.34	107	302282	43.64	ng		97
37) 2-Methylnaphthalene	12.73	142	525588	41.94	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	370047	40.86	ng		97
40) Hexachlorocyclopentadiene	13.05	237	189962	37.24	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	233302	42.85	ng		95
43) 2,4,5-Trichlorophenol	13.39	196	246113	41.81	ng		97
45) 1,1'-Biphenyl	13.72	154	763158	40.95	ng		94
46) 2-Chloronaphthalene	13.77	162	585155	41.24	ng		97
47) 2-Nitroaniline	13.97	65	250234	43.07	ng		91
48) Acenaphthylene	14.61	152	909332	41.79	ng		97
49) Dimethylphthalate	14.32	163	796721	41.79	ng		97
50) 2,6-Dinitrotoluene	14.45	165	180380	44.32	ng		97
51) Acenaphthene	14.95	154	605898	37.35	ng		98
52) 3-Nitroaniline	14.79	138	186818	44.36	ng		95
53) 2,4-Dinitrophenol	14.99	184	102897	34.89	ng		94
54) Dibenzofuran	15.28	168	943398	42.07	ng		96
55) 4-Nitrophenol	15.08	139	143327	39.06	ng	#	87
56) 2,4-Dinitrotoluene	15.23	165	262848	44.45	ng	#	94
57) Fluorene	15.93	166	777972	41.83	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.50	232	253300	41.51	ng		93
59) Diethylphthalate	15.67	149	808953	40.47	ng		98
60) 4-Chlorophenyl-phenylether	15.91	204	432262	41.42	ng		92
61) 4-Nitroaniline	15.94	138	201319	43.76	ng		94
62) Azobenzene	16.20	77	807229	40.50	ng		98
64) 4,6-Dinitro-2-methylphenol	15.99	198	167113	38.80	ng		95
65) n-Nitrosodiphenylamine	16.12	169	704100	41.20	ng		98
66) 4-Bromophenyl-phenylether	16.80	248	317352	41.82	ng		99
67) Hexachlorobenzene	16.92	284	357638	42.65	ng	#	91
68) Atrazine	17.06	200	297887	40.64	ng		98
69) Pentachlorophenol	17.27	266	191912	34.68	ng		89
70) Phenanthrene	17.67	178	1342096	42.12	ng		96
71) Anthracene	17.76	178	1362992	42.40	ng		100
72) Carbazole	18.02	167	1245822	42.50	ng		96
73) Di-n-butylphthalate	18.55	149	1421938	42.07	ng		98
74) Fluoranthene	19.66	202	1770715	43.96	ng		94
76) Benzidine	19.83	184	755785	35.95	ng		96
77) Pyrene	20.02	202	1811890	41.54	ng		99
79) Butylbenzylphthalate	20.88	149	737731	40.57	ng		98
80) Benzo(a)anthracene	21.90	228	1976240	40.32	ng		98
81) 3,3'-Dichlorobenzidine	21.81	252	778052	39.35	ng		100
82) Chrysene	21.97	228	1917049	41.07	ng		99
83) Bis(2-ethylhexyl)phthalate	21.76	149	1047430	40.27	ng		97
84) Di-n-octyl phthalate	23.04	149	1743530	40.39	ng		95
85) Indeno(1,2,3-cd)pyrene	29.29	276	2454575	38.09	ng	#	75
87) Benzo(b)fluoranthene	24.25	252	2065398	41.38	ng		96
88) Benzo(k)fluoranthene	24.32	252	2023402	41.97	ng		97
89) Benzo(a)pyrene	25.19	252	2003486	41.07	ng		97
90) Dibenzo(a,h)anthracene	29.36	278	2088132	39.00	ng		99
91) Benzo(g,h,i)perylene	30.54	276	2066618	38.64	ng		97

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

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