Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122116\
Data File : BG025364.D
Acq On : 21 Dec 2016 19:25
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Dec 22 02:43:29 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	61034	20.00	ng		0.00
21) Naphthalene-d8	11.04	136	259817	20.00	ng		0.00
38) Acenaphthene-d10	14.84	164	207705	20.00	ng		0.00
63) Phenanthrene-d10	17.59	188	475561	20.00	ng		0.00
75) Chrysene-d12	21.88	240	649542	20.00	ng		0.00
86) Perylene-d12	25.28	264	687208	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	292881	87.22	ng		0.00
7) Phenol-d6	7.37	99	418331	88.46	ng		0.00
23) Nitrobenzene-d5	9.40	82	492066	83.67	ng		0.00
41) 2,4,6-Tribromophenol	16.33	330	271855	81.30	ng		0.00
44) 2-Fluorobiphenyl	13.46	172	1056508	82.35	ng		0.00
78) Terphenyl-d14	20.17	244	2008802	82.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	58469	40.81	ng		93
3) Pyridine	4.01	79	180762	43.52	ng		95
4) n-Nitrosodimethylamine	3.93	42	106377	43.15	ng		95
6) Aniline	7.54	93	281181	43.88	ng		96
8) 2-Chlorophenol	7.77	128	161988	42.76	ng		95
9) Benzaldehyde	7.35	77	140604	40.63	ng		92
10) Phenol	7.40	94	224723	42.87	ng		95
11) bis(2-Chloroethyl)ether	7.62	93	170825	42.29	ng		93
12) 1,3-Dichlorobenzene	8.10	146	199645	43.55	ng		99
13) 1,4-Dichlorobenzene	8.25	146	197889	41.66	ng		98
14) 1,2-Dichlorobenzene	8.57	146	187050	41.26	ng		89
15) Benzyl Alcohol	8.46	79	201468	44.63	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.73	45	309774	41.41	ng		94
17) 2-Methylphenol	8.66	107	154247	44.81	ng		97
18) Hexachloroethane	9.30	117	79309	43.47	ng		95
19) n-Nitroso-di-n-propylamine	9.01	70	168017	42.06	ng		94
20) 3+4-Methylphenols	8.99	107	207852	43.62	ng		96
22) Acetophenone	9.05	105	286731	39.72	ng	#	96
24) Nitrobenzene	9.44	77	263152	40.79	ng		99
25) Isophorone	9.95	82	445813	41.86	ng		98
26) 2-Nitrophenol	10.15	139	103519	41.96	ng		98
27) 2,4-Dimethylphenol	10.20	122	165598	40.83	ng		94
28) bis(2-Chloroethoxy)methane	10.43	93	228979	41.41	ng		96
29) 2,4-Dichlorophenol	10.69	162	184960	42.61	ng		97
30) 1,2,4-Trichlorobenzene	10.90	180	217024	41.39	ng		99
31) Naphthalene	11.09	128	537848	41.45	ng		95
32) Benzoic acid	10.36	122	137924	42.28	ng	#	86
33) 4-Chloroaniline	11.21	127	235705	43.19	ng		96
34) Hexachlorobutadiene	11.35	225	177209	41.40	ng		94
35) Caprolactam	11.99	113	68437	41.96	ng		93
36) 4-Chloro-3-methylphenol	12.32	107	225273	42.05	ng		98
37) 2-Methylnaphthalene	12.68	142	401008	41.70	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	295696	43.12	ng		97
40) Hexachlorocyclopentadiene	13.00	237	89544	40.46	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.29	196	181763	42.10	ng		91
43) 2,4,5-Trichlorophenol	13.37	196	177655	39.31	ng	#	97
45) 1,1'-Biphenyl	13.67	154	583780	41.79	ng		95
46) 2-Chloronaphthalene	13.73	162	447905	41.04	ng		98
47) 2-Nitroaniline	13.94	65	199748	43.36	ng		94
48) Acenaphthylene	14.57	152	695441	41.11	ng		97
49) Dimethylphthalate	14.28	163	623659	41.19	ng		99
50) 2,6-Dinitrotoluene	14.43	165	139421	42.15	ng		92
51) Acenaphthene	14.90	154	449728	40.65	ng		98
52) 3-Nitroaniline	14.76	138	134387	42.26	ng	#	91
53) 2,4-Dinitrophenol	14.98	184	88556	43.31	ng		95
54) Dibenzofuran	15.24	168	726288	41.52	ng		98
55) 4-Nitrophenol	15.08	139	101619	42.78	ng	#	86
56) 2,4-Dinitrotoluene	15.22	165	205220	42.61	ng	#	94
57) Fluorene	15.88	166	604673	41.29	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.47	232	199242	41.15	ng		92
59) Diethylphthalate	15.63	149	652705	41.11	ng		98
60) 4-Chlorophenyl-phenylether	15.86	204	334552	40.31	ng		97
61) 4-Nitroaniline	15.92	138	144410	45.13	ng	#	84
62) Azobenzene	16.16	77	639955	41.79	ng		99
64) 4,6-Dinitro-2-methylphenol	15.98	198	147117	44.67	ng		82
65) n-Nitrosodiphenylamine	16.08	169	545175	42.41	ng		97
66) 4-Bromophenyl-phenylether	16.76	248	245182	41.79	ng		95
67) Hexachlorobenzene	16.89	284	276336	41.05	ng		89
68) Atrazine	17.02	200	229045	40.67	ng		97
69) Pentachlorophenol	17.24	266	147688	42.31	ng		96
70) Phenanthrene	17.63	178	1029732	42.02	ng		96
71) Anthracene	17.72	178	1053753	42.32	ng		96
72) Carbazole	17.99	167	946394	42.49	ng		97
73) Di-n-butylphthalate	18.50	149	1158959	42.29	ng		97
74) Fluoranthene	19.63	202	1386746	42.84	ng		94
76) Benzidine	19.80	184	650093	40.12	ng		98
77) Pyrene	19.99	202	1436692	42.32	ng		97
79) Butylbenzylphthalate	20.84	149	568774	41.73	ng		98
80) Benzo(a)anthracene	21.86	228	1529725	42.22	ng		97
81) 3,3'-Dichlorobenzidine	21.76	252	586836	41.70	ng		99
82) Chrysene	21.93	228	1459015	41.99	ng		97
83) Bis(2-ethylhexyl)phthalate	21.70	149	795895	41.96	ng		98
84) Di-n-octyl phthalate	22.96	149	1348306	42.81	ng		95
85) Indeno(1,2,3-cd)pyrene	29.22	276	1889709	42.79	ng	#	96
87) Benzo(b)fluoranthene	24.20	252	1566944	41.79	ng		97
88) Benzo(k)fluoranthene	24.27	252	1502115	41.48	ng		95
89) Benzo(a)pyrene	25.13	252	1507499	41.63	ng		96
90) Dibenzo(a,h)anthracene	29.28	278	1616583	42.12	ng	#	97
91) Benzo(g,h,i)perylene	30.47	276	1583384	41.51	ng		100

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

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