Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122116\
Data File : BG025377.D
Acq On : 22 Dec 2016 3:54
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Dec 22 05:13:44 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	64697	20.00	ng		0.00
21) Naphthalene-d8	11.04	136	261929	20.00	ng		0.00
38) Acenaphthene-d10	14.84	164	204657	20.00	ng		0.00
63) Phenanthrene-d10	17.58	188	496992	20.00	ng		0.00
75) Chrysene-d12	21.88	240	679571	20.00	ng		0.00
86) Perylene-d12	25.29	264	703872	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	287900	80.89	ng		0.00
7) Phenol-d6	7.37	99	421702	84.12	ng		0.00
23) Nitrobenzene-d5	9.39	82	493734	83.27	ng		0.00
41) 2,4,6-Tribromophenol	16.33	330	273939	83.14	ng		0.00
44) 2-Fluorobiphenyl	13.46	172	1082810	85.66	ng		0.00
78) Terphenyl-d14	20.16	244	2067227	80.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	58019	38.20	ng		96
3) Pyridine	4.01	79	186905	42.46	ng		99
4) n-Nitrosodimethylamine	3.92	42	104241	39.89	ng		98
6) Aniline	7.54	93	273372	40.25	ng		100
8) 2-Chlorophenol	7.77	128	163126	40.63	ng		96
9) Benzaldehyde	7.35	77	140069	38.19	ng		97
10) Phenol	7.40	94	226632	40.78	ng		99
11) bis(2-Chloroethyl)ether	7.63	93	168607	39.38	ng		88
12) 1,3-Dichlorobenzene	8.10	146	199803	41.12	ng		96
13) 1,4-Dichlorobenzene	8.25	146	199408	39.60	ng		100
14) 1,2-Dichlorobenzene	8.57	146	185206	38.54	ng		96
15) Benzyl Alcohol	8.45	79	206560	43.16	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.73	45	327901	41.35	ng		98
17) 2-Methylphenol	8.66	107	150329	41.19	ng		98
18) Hexachloroethane	9.29	117	77259	39.95	ng		95
19) n-Nitroso-di-n-propylamine	9.01	70	172878	40.83	ng		99
20) 3+4-Methylphenols	8.99	107	215103	42.59	ng		91
22) Acetophenone	9.05	105	300990	41.36	ng	#	99
24) Nitrobenzene	9.44	77	266350	40.96	ng		99
25) Isophorone	9.95	82	460842	42.93	ng		99
26) 2-Nitrophenol	10.15	139	107596	43.26	ng		94
27) 2,4-Dimethylphenol	10.20	122	177724	43.46	ng		96
28) bis(2-Chloroethoxy)methane	10.43	93	231129	41.46	ng		99
29) 2,4-Dichlorophenol	10.69	162	191111	43.67	ng		95
30) 1,2,4-Trichlorobenzene	10.90	180	215266	40.72	ng		99
31) Naphthalene	11.09	128	542444	41.47	ng		99
32) Benzoic acid	10.36	122	130422	39.66	ng		94
33) 4-Chloroaniline	11.21	127	238723	43.39	ng		94
34) Hexachlorobutadiene	11.35	225	179442	41.58	ng		97
35) Caprolactam	11.99	113	66960	40.73	ng		94
36) 4-Chloro-3-methylphenol	12.32	107	226164	41.87	ng		96
37) 2-Methylnaphthalene	12.68	142	406222	41.91	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	290273	42.96	ng		97
40) Hexachlorocyclopentadiene	13.00	237	99314	44.47	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.28	196	182917	42.99	ng		99
43) 2,4,5-Trichlorophenol	13.37	196	187747	42.16	ng		98
45) 1,1'-Biphenyl	13.67	154	595104	43.23	ng		96
46) 2-Chloronaphthalene	13.72	162	450469	41.89	ng		99
47) 2-Nitroaniline	13.94	65	202791	44.67	ng		99
48) Acenaphthylene	14.56	152	709998	42.60	ng		96
49) Dimethylphthalate	14.28	163	639906	42.89	ng		98
50) 2,6-Dinitrotoluene	14.42	165	138611	42.53	ng		97
51) Acenaphthene	14.91	154	458303	42.04	ng		97
52) 3-Nitroaniline	14.76	138	133608	42.64	ng		91
53) 2,4-Dinitrophenol	14.98	184	82712	41.32	ng		86
54) Dibenzofuran	15.23	168	730248	42.37	ng		97
55) 4-Nitrophenol	15.08	139	104158	44.50	ng		94
56) 2,4-Dinitrotoluene	15.22	165	209306	44.10	ng	#	93
57) Fluorene	15.89	166	627923	43.52	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.46	232	202093	42.36	ng		91
59) Diethylphthalate	15.63	149	672002	42.95	ng		99
60) 4-Chlorophenyl-phenylether	15.86	204	348601	42.63	ng		94
61) 4-Nitroaniline	15.93	138	136856	43.40	ng	#	83
62) Azobenzene	16.16	77	662596	43.91	ng		98
64) 4,6-Dinitro-2-methylphenol	15.98	198	150019	43.59	ng		85
65) n-Nitrosodiphenylamine	16.08	169	556413	41.42	ng		98
66) 4-Bromophenyl-phenylether	16.76	248	249693	40.72	ng		95
67) Hexachlorobenzene	16.89	284	288422	40.99	ng	#	89
68) Atrazine	17.02	200	234571	39.85	ng		98
69) Pentachlorophenol	17.24	266	147477	40.43	ng		94
70) Phenanthrene	17.63	178	1058874	41.35	ng		95
71) Anthracene	17.72	178	1071630	41.18	ng		97
72) Carbazole	18.00	167	967689	41.57	ng		96
73) Di-n-butylphthalate	18.51	149	1184834	41.37	ng		97
74) Fluoranthene	19.62	202	1437419	42.49	ng		93
76) Benzidine	19.80	184	656840	38.75	ng		98
77) Pyrene	19.99	202	1468312	41.34	ng		97
79) Butylbenzylphthalate	20.83	149	593085	41.59	ng		99
80) Benzo(a)anthracene	21.86	228	1576237	41.58	ng		95
81) 3,3'-Dichlorobenzidine	21.76	252	601495	40.86	ng		99
82) Chrysene	21.93	228	1505539	41.42	ng		97
83) Bis(2-ethylhexyl)phthalate	21.70	149	823134	41.48	ng		99
84) Di-n-octyl phthalate	22.96	149	1381901	41.94	ng		95
85) Indeno(1,2,3-cd)pyrene	29.22	276	1943791	42.06	ng	#	58
87) Benzo(b)fluoranthene	24.19	252	1626125	42.34	ng	#	98
88) Benzo(k)fluoranthene	24.27	252	1562470	42.13	ng	#	95
89) Benzo(a)pyrene	25.12	252	1552304	41.85	ng	#	96
90) Dibenzo(a,h)anthracene	29.27	278	1642644	41.78	ng		99
91) Benzo(g,h,i)perylene	30.46	276	1612458	41.28	ng	#	98

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

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