Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102616\
Data File : BG024519.D
Acq On : 26 Oct 2016 19:29
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Oct 27 11:54:45 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	173524	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	650889	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	510079	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	1132184	20.00	ng		0.00
75) Chrysene-d12	21.93	240	1528217	20.00	ng		0.00
86) Perylene-d12	25.36	264	1692702	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	804634	76.00	ng		0.00
7) Phenol-d6	7.40	99	1122204	77.27	ng		0.00
23) Nitrobenzene-d5	9.45	82	1192446	83.41	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	651366	85.48	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	2346361	76.46	ng		0.00
78) Terphenyl-d14	20.21	244	3648500	71.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	166089	38.40	ng		93
3) Pyridine	4.08	79	505590	39.04	ng		94
4) n-Nitrosodimethylamine	3.99	42	264369	39.43	ng		93
6) Aniline	7.59	93	705541	38.35	ng		98
8) 2-Chlorophenol	7.83	128	416743	38.72	ng		97
9) Benzaldehyde	7.40	77	348574	38.84	ng		98
10) Phenol	7.43	94	583838	39.00	ng		96
11) bis(2-Chloroethyl)ether	7.68	93	431053	38.33	ng		89
12) 1,3-Dichlorobenzene	8.16	146	510798	38.33	ng		95
13) 1,4-Dichlorobenzene	8.31	146	513853	39.04	ng		99
14) 1,2-Dichlorobenzene	8.63	146	483876	38.24	ng		95
15) Benzyl Alcohol	8.50	79	528378	39.11	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.79	45	780794	37.42	ng		93
17) 2-Methylphenol	8.70	107	387190	39.03	ng		96
18) Hexachloroethane	9.36	117	207404	40.99	ng		99
19) n-Nitroso-di-n-propylamine	9.07	70	413141	38.60	ng		92
20) 3+4-Methylphenols	9.02	107	518409	38.92	ng		99
22) Acetophenone	9.10	105	674957	40.37	ng	#	93
24) Nitrobenzene	9.49	77	663562	41.72	ng		98
25) Isophorone	10.01	82	1077153	40.51	ng		98
26) 2-Nitrophenol	10.20	139	255224	43.24	ng		95
27) 2,4-Dimethylphenol	10.24	122	436276	42.22	ng		97
28) bis(2-Chloroethoxy)methane	10.49	93	563991	40.99	ng		97
29) 2,4-Dichlorophenol	10.73	162	450274	41.51	ng		95
30) 1,2,4-Trichlorobenzene	10.96	180	523796	40.71	ng		94
31) Naphthalene	11.15	128	1300495	40.06	ng		98
32) Benzoic acid	10.38	122	393246	45.69	ng		92
33) 4-Chloroaniline	11.25	127	579887	41.14	ng		94
34) Hexachlorobutadiene	11.42	225	417393	41.45	ng		98
35) Caprolactam	12.03	113	166927	42.04	ng	#	83
36) 4-Chloro-3-methylphenol	12.34	107	549118	41.94	ng		98
37) 2-Methylnaphthalene	12.73	142	973158	41.08	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	689933	40.10	ng		98
40) Hexachlorocyclopentadiene	13.07	237	395003	40.77	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	426301	41.22 ng		99
43) 2,4,5-Trichlorophenol	13.40	196	467927	41.85 ng		94
45) 1,1'-Biphenyl	13.72	154	1403376	39.65 ng		97
46) 2-Chloronaphthalene	13.78	162	1065374	39.53 ng		98
47) 2-Nitroaniline	13.97	65	471006	42.68 ng		98
48) Acenaphthylene	14.62	152	1625046	39.31 ng		98
49) Dimethylphthalate	14.33	163	1434661	39.62 ng		99
50) 2,6-Dinitrotoluene	14.46	165	323973	41.91 ng		97
51) Acenaphthene	14.95	154	1262916	40.99 ng		97
52) 3-Nitroaniline	14.79	138	328379	41.05 ng		96
53) 2,4-Dinitrophenol	14.99	184	237954	42.48 ng		94
54) Dibenzofuran	15.28	168	1653111	38.81 ng		100
55) 4-Nitrophenol	15.07	139	285314	40.94 ng		88
56) 2,4-Dinitrotoluene	15.24	165	478770	42.62 ng	#	99
57) Fluorene	15.93	166	1378950	39.04 ng		99
58) 2,3,4,6-Tetrachlorophenol	15.50	232	485639	41.90 ng		93
59) Diethylphthalate	15.68	149	1477926	38.93 ng		99
60) 4-Chlorophenyl-phenylether	15.92	204	785222	39.61 ng		96
61) 4-Nitroaniline	15.95	138	356656	40.81 ng		94
62) Azobenzene	16.20	77	1478453	39.05 ng		98
64) 4,6-Dinitro-2-methylphenol	16.00	198	349571	44.81 ng		90
65) n-Nitrosodiphenylamine	16.13	169	1247206	40.30 ng		98
66) 4-Bromophenyl-phenylether	16.81	248	558520	40.64 ng		94
67) Hexachlorobenzene	16.93	284	640014	42.14 ng	#	89
68) Atrazine	17.06	200	527289	39.72 ng		97
69) Pentachlorophenol	17.27	266	442597	44.17 ng		98
70) Phenanthrene	17.67	178	2249377	38.98 ng		98
71) Anthracene	17.76	178	2277177	39.11 ng		97
72) Carbazole	18.03	167	2108687	39.71 ng		99
73) Di-n-butylphthalate	18.56	149	2441673	39.88 ng		98
74) Fluoranthene	19.66	202	2837919	38.90 ng		97
76) Benzidine	19.84	184	1404945	39.02 ng		99
77) Pyrene	20.03	202	2893508	38.73 ng		94
79) Butylbenzylphthalate	20.89	149	1274572	40.92 ng		98
80) Benzo(a)anthracene	21.90	228	3252300	38.74 ng		95
81) 3,3'-Dichlorobenzidine	21.81	252	1346143	39.74 ng		99
82) Chrysene	21.97	228	3132513	39.18 ng		96
83) Bis(2-ethylhexyl)phthalate	21.77	149	1817903	40.80 ng		98
84) Di-n-octyl phthalate	23.05	149	3011489	40.73 ng		96
85) Indeno(1,2,3-cd)pyrene	29.31	276	4530281	41.05 ng	#	97
87) Benzo(b)fluoranthene	24.26	252	3552848	38.83 ng		97
88) Benzo(k)fluoranthene	24.34	252	3447183	39.01 ng		98
89) Benzo(a)pyrene	25.19	252	3503508	39.19 ng		99
90) Dibenzo(a,h)anthracene	29.38	278	3815487	38.88 ng		96
91) Benzo(g,h,i)perylene	30.56	276	3825465	39.02 ng		96

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

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