Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024557.D
Acq On : 31 Oct 2016 15:36
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Nov 01 11:54:27 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:50:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	143403	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	573803	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	424356	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	931401	20.00	ng		0.00
75) Chrysene-d12	21.92	240	1258803	20.00	ng		0.00
86) Perylene-d12	25.36	264	1386378	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	687121	78.53	ng		0.00
7) Phenol-d6	7.41	99	972998	81.07	ng		0.00
23) Nitrobenzene-d5	9.44	82	1026752	81.47	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	521165	82.21	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	2062184	80.77	ng		0.00
78) Terphenyl-d14	20.21	244	3165378	75.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	160201	44.82	ng	#	82
3) Pyridine	4.08	79	436251	40.76	ng		91
4) n-Nitrosodimethylamine	3.99	42	215977	38.98	ng	#	77
6) Aniline	7.59	93	604274	39.74	ng		97
8) 2-Chlorophenol	7.83	128	361234	40.61	ng		97
9) Benzaldehyde	7.41	77	281082	37.90	ng		96
10) Phenol	7.43	94	501745	40.56	ng		94
11) bis(2-Chloroethyl)ether	7.68	93	374148	40.26	ng		85
12) 1,3-Dichlorobenzene	8.16	146	441707	40.11	ng		97
13) 1,4-Dichlorobenzene	8.30	146	443072	40.73	ng		99
14) 1,2-Dichlorobenzene	8.63	146	426554	40.79	ng		93
15) Benzyl Alcohol	8.50	79	432909	38.77	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.79	45	672711	39.01	ng		98
17) 2-Methylphenol	8.70	107	322730	39.37	ng		96
18) Hexachloroethane	9.36	117	172495	41.25	ng		92
19) n-Nitroso-di-n-propylamine	9.07	70	357932	40.47	ng		89
20) 3+4-Methylphenols	9.02	107	452970	41.15	ng		92
22) Acetophenone	9.10	105	600903	40.77	ng	#	90
24) Nitrobenzene	9.49	77	563374	40.18	ng		92
25) Isophorone	10.00	82	933562	39.82	ng		97
26) 2-Nitrophenol	10.20	139	214899	41.30	ng		94
27) 2,4-Dimethylphenol	10.24	122	371095	40.73	ng		92
28) bis(2-Chloroethoxy)methane	10.48	93	492766	40.63	ng		99
29) 2,4-Dichlorophenol	10.73	162	381424	39.89	ng		95
30) 1,2,4-Trichlorobenzene	10.95	180	451140	39.77	ng		96
31) Naphthalene	11.15	128	1148741	40.14	ng		100
32) Benzoic acid	10.36	122	233025	30.71	ng		92
33) 4-Chloroaniline	11.25	127	500242	40.25	ng		92
34) Hexachlorobutadiene	11.41	225	367099	41.35	ng		98
35) Caprolactam	12.02	113	126852	36.24	ng		93
36) 4-Chloro-3-methylphenol	12.34	107	454408	39.37	ng		93
37) 2-Methylnaphthalene	12.73	142	841665	40.30	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	596294	41.66	ng		96
40) Hexachlorocyclopentadiene	13.06	237	332807	41.29	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	356268	41.41	ng		91
43) 2,4,5-Trichlorophenol	13.39	196	378687	40.71	ng		94
45) 1,1'-Biphenyl	13.72	154	1212433	41.17	ng		99
46) 2-Chloronaphthalene	13.77	162	915846	40.84	ng		98
47) 2-Nitroaniline	13.97	65	377047	41.07	ng		92
48) Acenaphthylene	14.61	152	1372414	39.91	ng		97
49) Dimethylphthalate	14.33	163	1194488	39.65	ng		98
50) 2,6-Dinitrotoluene	14.46	165	276372	42.97	ng		89
51) Acenaphthene	14.95	154	939171	36.64	ng		99
52) 3-Nitroaniline	14.79	138	267210	40.15	ng		99
53) 2,4-Dinitrophenol	14.99	184	203492	43.66	ng		91
54) Dibenzofuran	15.28	168	1414935	39.92	ng		95
55) 4-Nitrophenol	15.07	139	221239	38.16	ng	#	90
56) 2,4-Dinitrotoluene	15.24	165	392275	41.97	ng	#	93
57) Fluorene	15.93	166	1172854	39.91	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.50	232	377414	39.14	ng		94
59) Diethylphthalate	15.68	149	1193966	37.80	ng		98
60) 4-Chlorophenyl-phenylether	15.91	204	654612	39.70	ng		97
61) 4-Nitroaniline	15.95	138	293781	40.41	ng		95
62) Azobenzene	16.21	77	1211698	38.47	ng		97
64) 4,6-Dinitro-2-methylphenol	16.00	198	265277	41.34	ng		95
65) n-Nitrosodiphenylamine	16.12	169	1035254	40.66	ng		99
66) 4-Bromophenyl-phenylether	16.81	248	467948	41.39	ng		92
67) Hexachlorobenzene	16.92	284	520531	41.66	ng		90
68) Atrazine	17.06	200	408669	37.42	ng		99
69) Pentachlorophenol	17.26	266	306500	37.18	ng		98
70) Phenanthrene	17.67	178	1859174	39.16	ng		98
71) Anthracene	17.76	178	1898251	39.63	ng		99
72) Carbazole	18.03	167	1738819	39.81	ng		97
73) Di-n-butylphthalate	18.56	149	1935027	38.42	ng		98
74) Fluoranthene	19.66	202	2386271	39.76	ng		99
76) Benzidine	19.84	184	1328397	44.79	ng		98
77) Pyrene	20.03	202	2437212	39.61	ng		98
79) Butylbenzylphthalate	20.88	149	1019202	39.73	ng		98
80) Benzo(a)anthracene	21.91	228	2728964	39.46	ng		99
81) 3,3'-Dichlorobenzidine	21.81	252	1143445	40.99	ng	#	98
82) Chrysene	21.98	228	2604853	39.55	ng		99
83) Bis(2-ethylhexyl)phthalate	21.77	149	1410303	38.43	ng	#	97
84) Di-n-octyl phthalate	23.05	149	2402561	39.45	ng	#	93
85) Indeno(1,2,3-cd)pyrene	29.30	276	3606268	39.67	ng	#	97
87) Benzo(b)fluoranthene	24.26	252	2978185	39.74	ng		98
88) Benzo(k)fluoranthene	24.33	252	2804870	38.76	ng		100
89) Benzo(a)pyrene	25.20	252	2866505	39.15	ng		97
90) Dibenzo(a,h)anthracene	29.38	278	3078324	38.30	ng		98
91) Benzo(g,h,i)perylene	30.56	276	3077527	38.33	ng		99

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

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