Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102816\
Data File : BG024536.D
Acq On : 28 Oct 2016 11:59
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 28 23:25:44 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	116226	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	425865	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	319992	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	705638	20.00	ng		0.00
75) Chrysene-d12	21.93	240	1014143	20.00	ng		0.00
86) Perylene-d12	25.36	264	1091196	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	538782	75.98	ng		0.00
7) Phenol-d6	7.40	99	748578	76.96	ng		0.00
23) Nitrobenzene-d5	9.45	82	788278	84.28	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	388221	81.21	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1581548	82.15	ng		0.00
78) Terphenyl-d14	20.21	244	2670732	78.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	115696	39.93	ng		91
3) Pyridine	4.08	79	333776	38.48	ng		95
4) n-Nitrosodimethylamine	3.99	42	169373	37.72	ng		99
6) Aniline	7.59	93	461375	37.44	ng		97
8) 2-Chlorophenol	7.83	128	282277	39.15	ng		92
9) Benzaldehyde	7.40	77	231924	38.58	ng		91
10) Phenol	7.43	94	379948	37.89	ng		99
11) bis(2-Chloroethyl)ether	7.68	93	286191	37.99	ng		95
12) 1,3-Dichlorobenzene	8.16	146	336521	37.70	ng		97
13) 1,4-Dichlorobenzene	8.31	146	337780	38.31	ng		95
14) 1,2-Dichlorobenzene	8.63	146	315702	37.25	ng		94
15) Benzyl Alcohol	8.50	79	350795	38.77	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.79	45	513652	36.75	ng		96
17) 2-Methylphenol	8.70	107	251893	37.91	ng		97
18) Hexachloroethane	9.37	117	132148	38.99	ng		94
19) n-Nitroso-di-n-propylamine	9.07	70	276922	38.63	ng		92
20) 3+4-Methylphenols	9.03	107	347205	38.92	ng		98
22) Acetophenone	9.10	105	447691	40.93	ng		93
24) Nitrobenzene	9.49	77	432986	41.61	ng		98
25) Isophorone	10.01	82	685636	39.41	ng		99
26) 2-Nitrophenol	10.20	139	159684	41.34	ng		93
27) 2,4-Dimethylphenol	10.24	122	285920	42.29	ng		96
28) bis(2-Chloroethoxy)methane	10.48	93	358999	39.88	ng		98
29) 2,4-Dichlorophenol	10.74	162	292846	41.26	ng		94
30) 1,2,4-Trichlorobenzene	10.96	180	342821	40.72	ng		92
31) Naphthalene	11.15	128	862042	40.58	ng		99
32) Benzoic acid	10.35	122	164329	29.18	ng	#	88
33) 4-Chloroaniline	11.25	127	374265	40.58	ng		96
34) Hexachlorobutadiene	11.42	225	266512	40.45	ng		97
35) Caprolactam	12.02	113	94272	36.28	ng	#	89
36) 4-Chloro-3-methylphenol	12.35	107	340501	39.74	ng		98
37) 2-Methylnaphthalene	12.73	142	622305	40.15	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	440543	40.82	ng		97
40) Hexachlorocyclopentadiene	13.06	237	229969	37.84	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.33	196	265785	40.97	ng		99
43) 2,4,5-Trichlorophenol	13.40	196	273780	39.03	ng	#	94
45) 1,1'-Biphenyl	13.73	154	895807	40.34	ng		96
46) 2-Chloronaphthalene	13.77	162	677979	40.10	ng		99
47) 2-Nitroaniline	13.97	65	280096	40.46	ng		95
48) Acenaphthylene	14.61	152	1043597	40.25	ng		97
49) Dimethylphthalate	14.33	163	916174	40.33	ng		98
50) 2,6-Dinitrotoluene	14.46	165	203214	41.90	ng		91
51) Acenaphthene	14.95	154	796181	41.19	ng		94
52) 3-Nitroaniline	14.79	138	201173	40.09	ng		95
53) 2,4-Dinitrophenol	14.99	184	145850	41.50	ng		96
54) Dibenzofuran	15.28	168	1057684	39.58	ng		98
55) 4-Nitrophenol	15.07	139	177524	40.60	ng	#	78
56) 2,4-Dinitrotoluene	15.24	165	292568	41.51	ng	#	93
57) Fluorene	15.93	166	881116	39.76	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.50	232	290398	39.93	ng	#	95
59) Diethylphthalate	15.68	149	928549	38.99	ng		96
60) 4-Chlorophenyl-phenylether	15.91	204	493287	39.67	ng		98
61) 4-Nitroaniline	15.95	138	228847	41.74	ng		98
62) Azobenzene	16.21	77	932148	39.24	ng		98
64) 4,6-Dinitro-2-methylphenol	16.00	198	195595	40.23	ng		96
65) n-Nitrosodiphenylamine	16.13	169	779808	40.42	ng		97
66) 4-Bromophenyl-phenylether	16.81	248	346966	40.50	ng		95
67) Hexachlorobenzene	16.92	284	390910	41.30	ng		89
68) Atrazine	17.06	200	330508	39.94	ng		95
69) Pentachlorophenol	17.27	266	237414	38.01	ng		94
70) Phenanthrene	17.67	178	1458762	40.56	ng		97
71) Anthracene	17.76	178	1483770	40.89	ng		99
72) Carbazole	18.03	167	1362968	41.19	ng		97
73) Di-n-butylphthalate	18.56	149	1560706	40.90	ng		97
74) Fluoranthene	19.67	202	1907476	41.95	ng		95
76) Benzidine	19.84	184	845961	35.40	ng		98
77) Pyrene	20.03	202	1966034	39.66	ng		98
79) Butylbenzylphthalate	20.89	149	820495	39.70	ng		96
80) Benzo(a)anthracene	21.90	228	2192297	39.35	ng		99
81) 3,3'-Dichlorobenzidine	21.82	252	879820	39.14	ng	#	97
82) Chrysene	21.97	228	2112861	39.82	ng		99
83) Bis(2-ethylhexyl)phthalate	21.77	149	1176723	39.80	ng		100
84) Di-n-octyl phthalate	23.05	149	2000660	40.77	ng		95
85) Indeno(1,2,3-cd)pyrene	29.30	276	2891240	39.48	ng	#	99
87) Benzo(b)fluoranthene	24.26	252	2357686	39.97	ng		99
88) Benzo(k)fluoranthene	24.34	252	2290575	40.21	ng		99
89) Benzo(a)pyrene	25.20	252	2301715	39.94	ng		99
90) Dibenzo(a,h)anthracene	29.38	278	2477688	39.17	ng		97
91) Benzo(g,h,i)perylene	30.55	276	2436993	38.56	ng		99

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

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