Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
Data File : BG024672.D
Acq On : 4 Nov 2016 8:14
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Nov 04 10:45:18 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	161872	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	666677	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	531519	20.00	ng		0.00
63) Phenanthrene-d10	17.62	188	1169138	20.00	ng		0.00
75) Chrysene-d12	21.92	240	1499085	20.00	ng		0.00
86) Perylene-d12	25.36	264	1600663	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	770809	78.05	ng		0.00
7) Phenol-d6	7.41	99	1120846	82.73	ng		0.00
23) Nitrobenzene-d5	9.44	82	1179554	80.56	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	667460	84.06	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	2385854	74.61	ng		0.00
78) Terphenyl-d14	20.21	244	3680271	73.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	159060	39.42	ng		91
3) Pyridine	4.07	79	484029	40.06	ng		93
4) n-Nitrosodimethylamine	3.99	42	257633	41.20	ng		91
6) Aniline	7.59	93	702803	40.95	ng		98
8) 2-Chlorophenol	7.83	128	401879	40.02	ng		95
9) Benzaldehyde	7.40	77	324495	38.76	ng		98
10) Phenol	7.44	94	581219	41.62	ng		96
11) bis(2-Chloroethyl)ether	7.68	93	422075	40.23	ng		89
12) 1,3-Dichlorobenzene	8.16	146	484758	39.00	ng		99
13) 1,4-Dichlorobenzene	8.30	146	497738	40.54	ng		100
14) 1,2-Dichlorobenzene	8.63	146	464814	39.37	ng		98
15) Benzyl Alcohol	8.50	79	520572	41.31	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.79	45	770602	39.59	ng		96
17) 2-Methylphenol	8.70	107	380712	41.14	ng		96
18) Hexachloroethane	9.36	117	190671	40.40	ng		96
19) n-Nitroso-di-n-propylamine	9.07	70	411128	41.18	ng		93
20) 3+4-Methylphenols	9.03	107	525512	42.30	ng		96
22) Acetophenone	9.10	105	674340	39.38	ng	#	91
24) Nitrobenzene	9.49	77	648468	39.81	ng		99
25) Isophorone	10.00	82	1062103	38.99	ng		99
26) 2-Nitrophenol	10.20	139	257526	42.59	ng		97
27) 2,4-Dimethylphenol	10.24	122	437433	41.33	ng		99
28) bis(2-Chloroethoxy)methane	10.48	93	549265	38.98	ng		98
29) 2,4-Dichlorophenol	10.73	162	458485	41.27	ng		97
30) 1,2,4-Trichlorobenzene	10.95	180	534083	40.53	ng		97
31) Naphthalene	11.15	128	1293521	38.90	ng		97
32) Benzoic acid	10.39	122	298069	33.81	ng		91
33) 4-Chloroaniline	11.25	127	599200	41.50	ng	#	94
34) Hexachlorobutadiene	11.41	225	413639	40.10	ng		96
35) Caprolactam	12.04	113	174368	42.87	ng		98
36) 4-Chloro-3-methylphenol	12.34	107	551297	41.11	ng		98
37) 2-Methylnaphthalene	12.73	142	995283	41.02	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	702561	39.19	ng		97
40) Hexachlorocyclopentadiene	13.06	237	365869	36.24	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	450914	41.84	ng		97
43) 2,4,5-Trichlorophenol	13.40	196	461514	39.61	ng		96
45) 1,1'-Biphenyl	13.72	154	1432722	38.84	ng		97
46) 2-Chloronaphthalene	13.77	162	1102153	39.24	ng		99
47) 2-Nitroaniline	13.97	65	478058	41.57	ng		97
48) Acenaphthylene	14.61	152	1677151	38.94	ng		99
49) Dimethylphthalate	14.33	163	1473197	39.04	ng		99
50) 2,6-Dinitrotoluene	14.46	165	346105	42.97	ng		91
51) Acenaphthene	14.95	154	1154261	35.95	ng		99
52) 3-Nitroaniline	14.80	138	334192	40.09	ng		95
53) 2,4-Dinitrophenol	14.99	184	246820	42.28	ng		91
54) Dibenzofuran	15.28	168	1726497	38.89	ng		99
55) 4-Nitrophenol	15.08	139	273108	37.61	ng		98
56) 2,4-Dinitrotoluene	15.24	165	505568	43.19	ng	#	93
57) Fluorene	15.93	166	1457278	39.59	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.50	232	482255	39.93	ng	#	94
59) Diethylphthalate	15.68	149	1515108	38.30	ng		98
60) 4-Chlorophenyl-phenylether	15.91	204	831348	40.25	ng		97
61) 4-Nitroaniline	15.95	138	373904	41.06	ng		88
62) Azobenzene	16.20	77	1515896	38.42	ng		97
64) 4,6-Dinitro-2-methylphenol	16.00	198	333099	41.35	ng		96
65) n-Nitrosodiphenylamine	16.12	169	1312008	41.05	ng		99
66) 4-Bromophenyl-phenylether	16.81	248	599032	42.21	ng		96
67) Hexachlorobenzene	16.92	284	665813	42.46	ng		92
68) Atrazine	17.06	200	536923	39.16	ng		95
69) Pentachlorophenol	17.26	266	486146	46.98	ng		97
70) Phenanthrene	17.67	178	2348010	39.40	ng		100
71) Anthracene	17.76	178	2343582	38.98	ng		96
72) Carbazole	18.03	167	2122296	38.71	ng		99
73) Di-n-butylphthalate	18.55	149	2445696	38.69	ng		99
74) Fluoranthene	19.66	202	2887615	38.33	ng		97
76) Benzidine	19.84	184	1589964	45.02	ng		99
77) Pyrene	20.03	202	2907311	39.67	ng		95
79) Butylbenzylphthalate	20.88	149	1265578	41.42	ng		98
80) Benzo(a)anthracene	21.90	228	3211095	38.99	ng		95
81) 3,3'-Dichlorobenzidine	21.81	252	1339576	40.32	ng		99
82) Chrysene	21.98	228	3071204	39.16	ng		95
83) Bis(2-ethylhexyl)phthalate	21.76	149	1766439	40.42	ng		99
84) Di-n-octyl phthalate	23.03	149	2916269	40.21	ng		96
85) Indeno(1,2,3-cd)pyrene	29.30	276	4278312	39.52	ng		99
87) Benzo(b)fluoranthene	24.26	252	3478932	40.21	ng		98
88) Benzo(k)fluoranthene	24.33	252	3259453	39.01	ng		99
89) Benzo(a)pyrene	25.20	252	3367519	39.83	ng		99
90) Dibenzo(a,h)anthracene	29.37	278	3613371	38.94	ng		97
91) Benzo(g,h,i)perylene	30.56	276	3562750	38.43	ng		97

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

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