Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062416\
Data File : BG022522.D
Acq On : 24 Jun 2016 2:50
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG062416

Quant Time: Jun 24 07:16:14 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 04:19:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	127112	20.00	ng		0.00
21) Naphthalene-d8	11.01	136	509588	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	353892	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	839424	20.00	ng		0.00
75) Chrysene-d12	21.86	240	900357	20.00	ng		0.00
86) Perylene-d12	25.24	264	929697	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	568813	72.47	ng		0.00
7) Phenol-d6	7.32	99	793936	72.25	ng		0.00
23) Nitrobenzene-d5	9.35	82	874592	73.48	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	388118	70.67	ng		0.00
44) 2-Fluorobiphenyl	13.44	172	1644539	70.93	ng		0.00
78) Terphenyl-d14	20.17	244	2449972	78.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	112565	35.79	ng		95
3) Pyridine	4.02	79	355679	36.89	ng		91
4) n-Nitrosodimethylamine	3.92	42	196418	36.68	ng		92
6) Aniline	7.50	93	566352	36.82	ng		97
8) 2-Chlorophenol	7.73	128	292891	35.37	ng		98
9) Benzaldehyde	7.31	77	169001	24.66	ng		97
10) Phenol	7.35	94	421780	35.95	ng		95
11) bis(2-Chloroethyl)ether	7.59	93	330724	35.96	ng		96
12) 1,3-Dichlorobenzene	8.06	146	343944	34.67	ng		99
13) 1,4-Dichlorobenzene	8.22	146	350906	34.41	ng		97
14) 1,2-Dichlorobenzene	8.53	146	335142	35.58	ng		99
15) Benzyl Alcohol	8.41	79	409514	34.49	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.71	45	373589	34.98	ng		93
17) 2-Methylphenol	8.61	107	272598	35.97	ng		92
18) Hexachloroethane	9.27	117	151175	35.52	ng		92
19) n-Nitroso-di-n-propylamine	8.99	70	325760	33.59	ng		97
20) 3+4-Methylphenols	8.94	107	367831	34.84	ng		97
22) Acetophenone	9.00	105	539160	36.77	ng	#	99
24) Nitrobenzene	9.39	77	485862	37.37	ng		97
25) Isophorone	9.92	82	839292	36.47	ng		98
26) 2-Nitrophenol	10.10	139	173569	36.70	ng		92
27) 2,4-Dimethylphenol	10.15	122	294049	34.91	ng		93
28) bis(2-Chloroethoxy)methane	10.40	93	452463	36.49	ng		98
29) 2,4-Dichlorophenol	10.64	162	326392	36.65	ng		99
30) 1,2,4-Trichlorobenzene	10.86	180	380355	37.10	ng		99
31) Naphthalene	11.05	128	906314	36.01	ng		98
32) Benzoic acid	10.28	122	191476	37.46	ng		98
33) 4-Chloroaniline	11.15	127	422434	36.32	ng		96
34) Hexachlorobutadiene	11.34	225	301573	36.32	ng		99
35) Caprolactam	11.94	113	101416	37.67	ng		96
36) 4-Chloro-3-methylphenol	12.26	107	385300	35.50	ng		97
37) 2-Methylnaphthalene	12.65	142	687464	35.14	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.01	216	458649	35.98	ng		100
40) Hexachlorocyclopentadiene	12.99	237	376763	35.54	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	298264	34.91	ng		97
43) 2,4,5-Trichlorophenol	13.31	196	313668	36.50	ng		93
45) 1,1'-Biphenyl	13.65	154	948741	36.34	ng		98
46) 2-Chloronaphthalene	13.69	162	764677	36.09	ng		98
47) 2-Nitroaniline	13.89	65	311182	37.48	ng		95
48) Acenaphthylene	14.54	152	1120911	35.56	ng		99
49) Dimethylphthalate	14.27	163	1012905	36.09	ng		97
50) 2,6-Dinitrotoluene	14.38	165	220208	36.25	ng		95
51) Acenaphthene	14.88	154	819452	35.56	ng		99
52) 3-Nitroaniline	14.71	138	217016	36.93	ng		84
53) 2,4-Dinitrophenol	14.91	184	138911	42.31	ng		91
54) Dibenzofuran	15.21	168	1196562	35.46	ng		99
55) 4-Nitrophenol	15.00	139	185681	36.17	ng		92
56) 2,4-Dinitrotoluene	15.17	165	312417	37.16	ng		99
57) Fluorene	15.86	166	946158	34.84	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.43	232	332399	35.55	ng		97
59) Diethylphthalate	15.62	149	1040381	34.54	ng		97
60) 4-Chlorophenyl-phenylether	15.85	204	563070	34.90	ng		99
61) 4-Nitroaniline	15.88	138	215928	35.46	ng		94
62) Azobenzene	16.15	77	1138176	34.96	ng		96
64) 4,6-Dinitro-2-methylphenol	15.93	198	199462	42.31	ng		99
65) n-Nitrosodiphenylamine	16.07	169	880148	36.22	ng		97
66) 4-Bromophenyl-phenylether	16.75	248	385575	37.46	ng		97
67) Hexachlorobenzene	16.86	284	404462	36.53	ng		99
68) Atrazine	17.02	200	381956	35.60	ng		98
69) Pentachlorophenol	17.21	266	284839	38.49	ng		99
70) Phenanthrene	17.61	178	1513639	36.13	ng		99
71) Anthracene	17.70	178	1560069	36.55	ng		99
72) Carbazole	17.97	167	1337665	36.16	ng		99
73) Di-n-butylphthalate	18.53	149	1656952	40.13	ng		98
74) Fluoranthene	19.61	202	1851883	40.61	ng		98
76) Benzidine	19.78	184	700921	39.95	ng		97
77) Pyrene	19.97	202	1863113	37.09	ng		98
79) Butylbenzylphthalate	20.85	149	787463	36.10	ng		98
80) Benzo(a)anthracene	21.84	228	1867237	36.84	ng		95
81) 3,3'-Dichlorobenzidine	21.75	252	741973	35.69	ng		100
82) Chrysene	21.91	228	1744353	36.71	ng		97
83) Bis(2-ethylhexyl)phthalate	21.75	149	1072943	36.12	ng		98
84) Di-n-octyl phthalate	23.02	149	1767892	37.35	ng		99
85) Indeno(1,2,3-cd)pyrene	29.10	276	2163890	38.93	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	2018747	36.86	ng		98
88) Benzo(k)fluoranthene	24.23	252	1890356	36.48	ng		99
89) Benzo(a)pyrene	25.08	252	1932703	37.25	ng		99
90) Dibenzo(a,h)anthracene	29.18	278	1762171	36.26	ng	#	95
91) Benzo(g,h,i)perylene	30.31	276	1781036	36.22	ng		98

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

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