Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022216\
Data File : BG021025.D
Acq On : 22 Feb 2016 21:02
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG022216

Quant Time: Feb 23 14:30:02 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 23 14:08:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	8260	20.00	ng		0.00
21) Naphthalene-d8	11.05	136	45871	20.00	ng		0.00
38) Acenaphthene-d10	14.84	164	32572	20.00	ng		0.00
63) Phenanthrene-d10	17.58	188	74584	20.00	ng		0.00
75) Chrysene-d12	21.85	240	44800	20.00	ng		-0.01
86) Perylene-d12	25.19	264	43052	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.83	112	35702	81.30	ng		-0.02
7) Phenol-d6	7.46	99	53577	85.13	ng		-0.02
23) Nitrobenzene-d5	9.42	82	49945	80.67	ng		-0.02
41) 2,4,6-Tribromophenol	16.33	330	37880	85.34	ng		-0.01
44) 2-Fluorobiphenyl	13.47	172	179362	76.89	ng		0.00
78) Terphenyl-d14	20.16	244	202862	85.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.65	88	5533	42.24	ng		98
3) Pyridine	4.15	79	17577	42.38	ng		96
4) n-Nitrosodimethylamine	3.99	42	4807	43.59	ng		92
6) Aniline	7.59	93	27442	45.47	ng		99
8) 2-Chlorophenol	7.82	128	23695	42.15	ng		97
9) Benzaldehyde	7.39	77	12273	46.81	ng		94
10) Phenol	7.49	94	28187	42.48	ng		98
11) bis(2-Chloroethyl)ether	7.66	93	22403	41.30	ng		96
12) 1,3-Dichlorobenzene	8.11	146	26308	41.40	ng		98
13) 1,4-Dichlorobenzene	8.26	146	27226	41.15	ng		99
14) 1,2-Dichlorobenzene	8.59	146	26318	42.21	ng		97
15) Benzyl Alcohol	8.52	79	19279	46.96	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.77	45	23734	40.06	ng		99
17) 2-Methylphenol	8.73	107	21447	43.46	ng		95
18) Hexachloroethane	9.31	117	8831	42.37	ng		92
19) n-Nitroso-di-n-propylamine	9.08	70	17525	43.66	ng	#	93
20) 3+4-Methylphenols	9.07	107	30450	43.89	ng		98
22) Acetophenone	9.10	105	38548	38.97	ng	#	98
24) Nitrobenzene	9.47	77	25245	38.91	ng		97
25) Isophorone	10.04	82	53376	39.51	ng		98
26) 2-Nitrophenol	10.18	139	15498	39.39	ng		96
27) 2,4-Dimethylphenol	10.25	122	27060	41.21	ng		95
28) bis(2-Chloroethoxy)methane	10.47	93	33349	41.70	ng		96
29) 2,4-Dichlorophenol	10.73	162	28098	42.73	ng		97
30) 1,2,4-Trichlorobenzene	10.91	180	28234	39.97	ng		98
31) Naphthalene	11.10	128	93358	39.73	ng		99
32) Benzoic acid	10.48	122	20861	35.45	ng		99
33) 4-Chloroaniline	11.25	127	37953	44.03	ng		97
34) Hexachlorobutadiene	11.36	225	15446	39.84	ng		99
35) Caprolactam	12.23	113	10357	41.31	ng		95
36) 4-Chloro-3-methylphenol	12.37	107	29699	42.56	ng		94
37) 2-Methylnaphthalene	12.69	142	75277	44.10	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.04	216	37316	38.70	ng		99
40) Hexachlorocyclopentadiene	13.01	237	22143	42.73	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.31	196	26779	40.17	ng		99
43) 2,4,5-Trichlorophenol	13.39	196	28633	40.95	ng		95
45) 1,1'-Biphenyl	13.68	154	105304	37.94	ng		98
46) 2-Chloronaphthalene	13.73	162	75455	38.18	ng		98
47) 2-Nitroaniline	13.97	65	17431	40.76	ng		97
48) Acenaphthylene	14.57	152	138418	38.66	ng		99
49) Dimethylphthalate	14.32	163	106371	39.59	ng		99
50) 2,6-Dinitrotoluene	14.44	165	23300	40.59	ng		99
51) Acenaphthene	14.91	154	80607	39.79	ng		98
52) 3-Nitroaniline	14.79	138	25558	44.60	ng		97
53) 2,4-Dinitrophenol	14.96	184	13827	40.46	ng		96
54) Dibenzofuran	15.24	168	131648	43.89	ng		98
55) 4-Nitrophenol	15.14	139	21137	40.85	ng		96
56) 2,4-Dinitrotoluene	15.21	165	32970	41.96	ng	#	97
57) Fluorene	15.88	166	112192	41.15	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.48	232	28154	46.21	ng		99
59) Diethylphthalate	15.66	149	110485	40.84	ng		99
60) 4-Chlorophenyl-phenylether	15.87	204	52688	39.86	ng		98
61) 4-Nitroaniline	15.95	138	25219	42.24	ng		99
62) Azobenzene	16.16	77	78880	44.04	ng		97
64) 4,6-Dinitro-2-methylphenol	15.97	198	19675	39.24	ng		97
65) n-Nitrosodiphenylamine	16.09	169	95118	39.55	ng		99
66) 4-Bromophenyl-phenylether	16.76	248	34394	38.81	ng		99
67) Hexachlorobenzene	16.87	284	40247	40.12	ng		97
68) Atrazine	17.06	200	26701	38.04	ng		98
69) Pentachlorophenol	17.24	266	23591	41.75	ng		98
70) Phenanthrene	17.62	178	172159	41.20	ng		100
71) Anthracene	17.71	178	169102	40.71	ng		99
72) Carbazole	18.00	167	150336	42.58	ng		98
73) Di-n-butylphthalate	18.52	149	163845	40.49	ng		99
74) Fluoranthene	19.61	202	151585	43.51	ng		99
76) Benzidine	19.81	184	50684	38.01	ng		99
77) Pyrene	19.98	202	145762	42.43	ng		99
79) Butylbenzylphthalate	20.85	149	50551	39.92	ng		95
80) Benzo(a)anthracene	21.83	228	106868	40.28	ng		98
81) 3,3'-Dichlorobenzidine	21.75	252	40758	37.79	ng		98
82) Chrysene	21.90	228	96355	38.46	ng		100
83) Bis(2-ethylhexyl)phthalate	21.70	149	65280	37.46	ng		100
84) Di-n-octyl phthalate	22.95	149	107775	38.50	ng		100
85) Indeno(1,2,3-cd)pyrene	29.02	276	119512	39.27	ng		97
87) Benzo(b)fluoranthene	24.12	252	105319	41.06	ng		99
88) Benzo(k)fluoranthene	24.19	252	102105	40.68	ng		98
89) Benzo(a)pyrene	25.03	252	101380	40.95	ng		99
90) Dibenzo(a,h)anthracene	29.07	278	102276	40.07	ng		98
91) Benzo(g,h,i)perylene	30.21	276	100334	40.62	ng		99

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

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