Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
Data File : BG022170.D
Acq On : 6 Jun 2016 15:41
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG060616

Manual Integrations APPROVED
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6/7/2016 7:27:37 PM

Quant Time: Jun 06 16:17:37 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	27914	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	146752	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	93488	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	219624	20.00	ng		0.00
75) Chrysene-d12	21.77	240	216604	20.00	ng		0.00
86) Perylene-d12	25.06	264	208689	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	119538	82.80	ng		0.00
7) Phenol-d6	7.28	99	187722	82.70	ng		0.00
23) Nitrobenzene-d5	9.29	82	174605	82.95	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	85806	81.23	ng		0.00
44) 2-Fluorobiphenyl	13.38	172	498262	81.22	ng		0.00
78) Terphenyl-d14	20.08	244	729469	79.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	27888	40.29	ng	#	86
3) Pyridine	3.93	79	76186	40.73	ng		100
4) n-Nitrosodimethylamine	3.85	42	18250	43.63	ng		96
6) Aniline	7.44	93	117565	40.77	ng	#	83
8) 2-Chlorophenol	7.68	128	81784	40.98	ng	#	78
9) Benzaldehyde	7.25	77	53527	42.84	ng	#	79
10) Phenol	7.31	94	95132	40.65	ng		81
11) bis(2-Chloroethyl)ether	7.53	93	78270	41.95	ng	#	72
12) 1,3-Dichlorobenzene	8.00	146	83175	38.88	ng	#	89
13) 1,4-Dichlorobenzene	8.16	146	82164	38.55	ng		92
14) 1,2-Dichlorobenzene	8.47	146	84218	39.20	ng		97
15) Benzyl Alcohol	8.36	79	56445	38.49	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.65	45	75794	39.15	ng		79
17) 2-Methylphenol	8.56	107	69052	39.54	ng	#	85
18) Hexachloroethane	9.20	117	30253	38.88	ng	#	79
19) n-Nitroso-di-n-propylamine	8.92	70	62990	40.99	ng	#	68
20) 3+4-Methylphenols	8.89	107	98426	39.29	ng		96
22) Acetophenone	8.94	105	127785	40.41	ng	#	81
24) Nitrobenzene	9.33	77	85840	40.55	ng	#	80
25) Isophorone	9.85	82	195225	39.64	ng	#	94
26) 2-Nitrophenol	10.05	139	47518	41.40	ng	#	74
27) 2,4-Dimethylphenol	10.10	122	84870	40.85	ng		90
28) bis(2-Chloroethoxy)methane	10.33	93	112514	39.88	ng		95
29) 2,4-Dichlorophenol	10.59	162	80616	41.89	ng		96
30) 1,2,4-Trichlorobenzene	10.80	180	84854	39.46	ng		93
31) Naphthalene	10.99	128	285692	39.00	ng	#	95
32) Benzoic acid	10.23	122	23748	37.64	ng	#	82
33) 4-Chloroaniline	11.10	127	125437	41.18	ng	#	89
34) Hexachlorobutadiene	11.27	225	44900	38.89	ng		99
35) Caprolactam	11.87	113	41285	39.10	ng	#	44
36) 4-Chloro-3-methylphenol	12.22	107	93069	40.80	ng	#	86
37) 2-Methylnaphthalene	12.59	142	213860	39.55	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	96516	40.11	ng		99
40) Hexachlorocyclopentadiene	12.92	237	44168	38.83	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	66662	41.29	ng		96
43) 2,4,5-Trichlorophenol	13.27	196	76196	42.72	ng	#	90
45) 1,1'-Biphenyl	13.59	154	284183	40.39	ng		97
46) 2-Chloronaphthalene	13.63	162	220221	40.83	ng		95
47) 2-Nitroaniline	13.84	65	51861	40.33	ng	#	51
48) Acenaphthylene	14.47	152	378331	39.98	ng		97
49) Dimethylphthalate	14.20	163	304816	39.32	ng		100
50) 2,6-Dinitrotoluene	14.32	165	68694	40.77	ng	#	76
51) Acenaphthene	14.81	154	223172	39.36	ng		95
52) 3-Nitroaniline	14.66	138	74654	39.94	ng	#	79
53) 2,4-Dinitrophenol	14.87	184	21593	38.02	ng	#	68
54) Dibenzofuran	15.14	168	356404	40.28	ng		96
55) 4-Nitrophenol	14.98	139	53573	41.53	ng	#	67
56) 2,4-Dinitrotoluene	15.11	165	96050	42.49	ng	#	80
57) Fluorene	15.80	166	304360	39.93	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.37	232	64048	40.04	ng		98
59) Diethylphthalate	15.55	149	323140	39.03	ng		99
60) 4-Chlorophenyl-phenylether	15.78	204	140553	40.72	ng		94
61) 4-Nitroaniline	15.83	138	78928	39.82	ng	#	75
62) Azobenzene	16.07	77	253966	40.50	ng		85
64) 4,6-Dinitro-2-methylphenol	15.88	198	41510	38.50	ng	#	83
65) n-Nitrosodiphenylamine	16.00	169	259977	41.09	ng		97
66) 4-Bromophenyl-phenylether	16.68	248	85356	41.48	ng		93
67) Hexachlorobenzene	16.79	284	95114	39.66	ng		94
68) Atrazine	16.94	200	93334	39.85	ng		98
69) Pentachlorophenol	17.15	266	37243	38.13	ng		94
70) Phenanthrene	17.53	178	473615	39.70	ng		99
71) Anthracene	17.62	178	470671	39.79	ng		97
72) Carbazole	17.90	167	444891	39.71	ng		98
73) Di-n-butylphthalate	18.43	149	579307	39.55	ng		98
74) Fluoranthene	19.54	202	541024	39.45	ng		98
76) Benzidine	19.71	184	244446	43.16	ng		98
77) Pyrene	19.90	202	539482	40.06	ng		99
79) Butylbenzylphthalate	20.76	149	249953	40.02	ng		92
80) Benzo(a)anthracene	21.75	228	482829	39.75	ng		98
81) 3,3'-Dichlorobenzidine	21.66	252	141072	41.37	ng		99
82) Chrysene	21.81	228	465301	39.37	ng		100
83) Bis(2-ethylhexyl)phthalate	21.62	149	373989	40.72	ng		98
84) Di-n-octyl phthalate	22.85	149	621651	40.77	ng	#	85
85) Indeno(1,2,3-cd)pyrene	28.84	276	551030	41.56	ng	#	88
87) Benzo(b)fluoranthene	24.01	252	486172m	39.94	ng		
88) Benzo(k)fluoranthene	24.08	252	482114	40.24	ng	#	98
89) Benzo(a)pyrene	24.91	252	470607	40.44	ng		97
90) Dibenzo(a,h)anthracene	28.89	278	444118	40.52	ng	#	93
91) Benzo(g,h,i)perylene	30.02	276	457649	40.13	ng	#	94

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

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