Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062016\
Data File : BG022449.D
Acq On : 20 Jun 2016 20:20
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
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6/21/2016 4:24:28 PM

Quant Time: Jun 21 02:24:04 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	23464m	20.00	ng		-0.10
21) Naphthalene-d8	10.81	136	124089m	20.00	ng		-0.10
38) Acenaphthene-d10	14.64	164	73554	20.00	ng		-0.09
63) Phenanthrene-d10	17.38	188	157864	20.00	ng		-0.09
75) Chrysene-d12	21.64	240	118336	20.00	ng		-0.10
86) Perylene-d12	24.84	264	98689	20.00	ng		-0.17
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	110282	90.87	ng		-0.09
7) Phenol-d6	7.18	99	171470m	89.87	ng		-0.07
23) Nitrobenzene-d5	9.17	82	160255	90.04	ng		-0.09
41) 2,4,6-Tribromophenol	16.13	330	50796	61.12	ng		-0.09
44) 2-Fluorobiphenyl	13.25	172	402187	83.33	ng		-0.09
78) Terphenyl-d14	19.98	244	460448	92.38	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	24532	42.16	ng	#	78
3) Pyridine	3.76	79	69443	44.16	ng		95
4) n-Nitrosodimethylamine	3.67	42	17093	48.61	ng	#	97
6) Aniline	7.41	93	70781	29.20	ng	#	53
8) 2-Chlorophenol	7.56	128	72753m	43.37	ng		
9) Benzaldehyde	7.12	77	41480m	39.49	ng		
10) Phenol	7.21	94	86478m	43.96	ng		
11) bis(2-Chloroethyl)ether	7.41	93	74239m	47.33	ng		
12) 1,3-Dichlorobenzene	7.88	146	72163m	40.13	ng		
13) 1,4-Dichlorobenzene	8.02	146	73360m	40.95	ng		
14) 1,2-Dichlorobenzene	8.35	146	72980m	40.41	ng		
15) Benzyl Alcohol	8.24	79	60557m	49.12	ng		
16) 2,2'-oxybis(1-Chloropropan	8.52	45	78405m	48.18	ng		
17) 2-Methylphenol	8.46	107	64674m	44.06	ng		
18) Hexachloroethane	9.07	117	28512m	43.59	ng		
19) n-Nitroso-di-n-propylamine	8.80	70	60862m	47.12	ng		
20) 3+4-Methylphenols	8.79	107	90454m	42.96	ng		
22) Acetophenone	8.82	105	116148	43.43	ng	#	85
24) Nitrobenzene	9.21	77	79134	44.21	ng	#	84
25) Isophorone	9.73	82	179373	43.07	ng	#	93
26) 2-Nitrophenol	9.93	139	45368	46.74	ng	#	73
27) 2,4-Dimethylphenol	9.99	122	75965	43.24	ng		89
28) bis(2-Chloroethoxy)methane	10.21	93	108202	45.35	ng		91
29) 2,4-Dichlorophenol	10.48	162	68202	41.91	ng		94
30) 1,2,4-Trichlorobenzene	10.67	180	68646	37.75	ng		94
31) Naphthalene	10.86	128	250053m	40.37	ng		
32) Benzoic acid	10.16	122	34982	54.39	ng	#	87
33) 4-Chloroaniline	10.98	127	104097	40.42	ng	#	91
34) Hexachlorobutadiene	11.13	225	35252	36.11	ng		93
35) Caprolactam	11.77	113	34166	38.27	ng	#	46
36) 4-Chloro-3-methylphenol	12.12	107	83050	43.05	ng		90
37) 2-Methylnaphthalene	12.46	142	183945m	40.23	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	72736	38.41	ng	#	96
40) Hexachlorocyclopentadiene	12.80	237	24744	29.13	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	50564	39.81	ng		99
43) 2,4,5-Trichlorophenol	13.18	196	53176	37.89	ng		95
45) 1,1'-Biphenyl	13.47	154	236478	42.72	ng		96
46) 2-Chloronaphthalene	13.52	162	179899	42.40	ng		97
47) 2-Nitroaniline	13.73	65	48183	47.62	ng	#	62
48) Acenaphthylene	14.36	152	305012	40.97	ng		97
49) Dimethylphthalate	14.09	163	240078	39.37	ng		98
50) 2,6-Dinitrotoluene	14.22	165	53065	40.03	ng	#	81
51) Acenaphthene	14.70	154	179469	40.23	ng		96
52) 3-Nitroaniline	14.56	138	58205	39.58	ng		86
53) 2,4-Dinitrophenol	14.79	184	27478	54.75	ng	#	79
54) Dibenzofuran	15.04	168	280645	40.32	ng		99
55) 4-Nitrophenol	14.91	139	42997	42.37	ng	#	74
56) 2,4-Dinitrotoluene	15.01	165	73582	41.38	ng	#	89
57) Fluorene	15.68	166	233398	38.92	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.27	232	43909m	34.89	ng		
59) Diethylphthalate	15.44	149	258165	39.63	ng		98
60) 4-Chlorophenyl-phenylether	15.67	204	101221	37.27	ng		98
61) 4-Nitroaniline	15.73	138	54189m	34.75	ng		
62) Azobenzene	15.97	77	223591	45.32	ng		88
64) 4,6-Dinitro-2-methylphenol	15.78	198	34281	43.42	ng		84
65) n-Nitrosodiphenylamine	15.89	169	197802	43.50	ng		97
66) 4-Bromophenyl-phenylether	16.57	248	57703	39.01	ng		96
67) Hexachlorobenzene	16.69	284	59279	34.38	ng		94
68) Atrazine	16.84	200	62753	37.28	ng		99
69) Pentachlorophenol	17.05	266	22131	32.69	ng		94
70) Phenanthrene	17.42	178	355200	41.43	ng		100
71) Anthracene	17.52	178	351221	41.30	ng		98
72) Carbazole	17.79	167	322811	40.08	ng		98
73) Di-n-butylphthalate	18.33	149	446387	42.40	ng		98
74) Fluoranthene	19.43	202	362756	36.80	ng		96
76) Benzidine	19.62	184	115100	37.19	ng		99
77) Pyrene	19.80	202	355951	48.38	ng		99
79) Butylbenzylphthalate	20.66	149	190011	55.69	ng	#	98
80) Benzo(a)anthracene	21.62	228	274678	41.39	ng		99
81) 3,3'-Dichlorobenzidine	21.54	252	71038	38.13	ng	#	95
82) Chrysene	21.69	228	260474	40.34	ng		99
83) Bis(2-ethylhexyl)phthalate	21.50	149	256761	51.18	ng		94
84) Di-n-octyl phthalate	22.69	149	422118	50.67	ng	#	88
85) Indeno(1,2,3-cd)pyrene	28.52	276	264921m	36.57	ng		
87) Benzo(b)fluoranthene	23.83	252	237655	41.29	ng	#	92
88) Benzo(k)fluoranthene	23.89	252	236062	41.66	ng	#	94
89) Benzo(a)pyrene	24.70	252	230576	41.90	ng	#	94
90) Dibenzo(a,h)anthracene	28.56	278	215975	41.67	ng	#	86
91) Benzo(g,h,i)perylene	29.66	276	214652	39.80	ng	#	87

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

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