Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
Data File : BG019873.D
Acq On : 3 Dec 2015 16:47
Operator : UM/NP
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Dec 04 02:55:53 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	23821	20.00	ng		-0.01
21) Naphthalene-d8	10.94	136	107991	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	78584	20.00	ng		0.00
63) Phenanthrene-d10	17.50	188	197277	20.00	ng		0.00
75) Chrysene-d12	21.78	240	236648	20.00	ng		-0.01
86) Perylene-d12	25.07	264	224926	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	104991	79.66	ng		0.00
7) Phenol-d6	7.27	99	165463	83.15	ng		0.00
23) Nitrobenzene-d5	9.29	82	177082	83.69	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	95559	79.47	ng		0.00
44) 2-Fluorobiphenyl	13.38	172	452967	78.70	ng		0.00
78) Terphenyl-d14	20.10	244	764389	78.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	20487	39.90	ng	#	100
3) Pyridine	3.94	79	64466	41.34	ng	#	85
4) n-Nitrosodimethylamine	3.85	42	31612	38.54	ng		84
6) Aniline	7.44	93	105104	40.79	ng	#	81
8) 2-Chlorophenol	7.68	128	65378	40.68	ng		94
9) Benzaldehyde	7.25	77	52663	39.69	ng		91
10) Phenol	7.29	94	83838	40.03	ng		72
11) bis(2-Chloroethyl)ether	7.54	93	63791	41.13	ng		88
12) 1,3-Dichlorobenzene	8.01	146	74638	40.97	ng	#	92
13) 1,4-Dichlorobenzene	8.16	146	74948m	39.84	ng		
14) 1,2-Dichlorobenzene	8.48	146	70904	39.51	ng	#	93
15) Benzyl Alcohol	8.36	79	68444	39.19	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.66	45	101477	40.11	ng		94
17) 2-Methylphenol	8.56	107	58789	39.76	ng	#	83
18) Hexachloroethane	9.22	117	28144	39.95	ng		88
19) n-Nitroso-di-n-propylamine	8.93	70	63112	40.21	ng	#	89
20) 3+4-Methylphenols	8.89	107	85713	41.17	ng		92
22) Acetophenone	8.95	105	118539	40.04	ng	#	91
24) Nitrobenzene	9.33	77	96951	42.24	ng		91
25) Isophorone	9.86	82	178641	39.38	ng	#	95
26) 2-Nitrophenol	10.05	139	39668	44.75	ng	#	74
27) 2,4-Dimethylphenol	10.10	122	72740	39.40	ng		89
28) bis(2-Chloroethoxy)methane	10.34	93	89528	40.39	ng		98
29) 2,4-Dichlorophenol	10.58	162	79083	41.93	ng		97
30) 1,2,4-Trichlorobenzene	10.80	180	85807	40.26	ng		94
31) Naphthalene	11.00	128	235587	40.72	ng		98
32) Benzoic acid	10.22	122	51652	42.33	ng	#	88
33) 4-Chloroaniline	11.10	127	101275	39.73	ng	#	90
34) Hexachlorobutadiene	11.28	225	62171	39.55	ng		98
35) Caprolactam	11.88	113	27475	39.14	ng	#	76
36) 4-Chloro-3-methylphenol	12.20	107	95340	40.59	ng		93
37) 2-Methylnaphthalene	12.59	142	170854	40.30	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	120191	40.30	ng		100
40) Hexachlorocyclopentadiene	12.93	237	66646	39.19	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	79744	40.39	ng		98
43) 2,4,5-Trichlorophenol	13.26	196	83889	40.20	ng		95
45) 1,1'-Biphenyl	13.59	154	254574	39.47	ng		99
46) 2-Chloronaphthalene	13.63	162	195908	39.41	ng		96
47) 2-Nitroaniline	13.83	65	68122	43.39	ng	#	82
48) Acenaphthylene	14.48	152	331954	39.20	ng		99
49) Dimethylphthalate	14.21	163	270452	38.26	ng		98
50) 2,6-Dinitrotoluene	14.32	165	57665	43.39	ng	#	67
51) Acenaphthene	14.82	154	204529	39.81	ng		98
52) 3-Nitroaniline	14.65	138	56615	41.00	ng		88
53) 2,4-Dinitrophenol	14.85	184	21874	36.61	ng		95
54) Dibenzofuran	15.15	168	295769	38.70	ng		91
55) 4-Nitrophenol	14.94	139	46829	38.94	ng	#	62
56) 2,4-Dinitrotoluene	15.10	165	81658	44.04	ng	#	83
57) Fluorene	15.80	166	264675	38.69	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.37	232	75413	39.05	ng		99
59) Diethylphthalate	15.57	149	284278	37.16	ng		97
60) 4-Chlorophenyl-phenylether	15.79	204	150764	38.38	ng		97
61) 4-Nitroaniline	15.81	138	61303	39.47	ng	#	77
62) Azobenzene	16.08	77	244043	38.34	ng		94
64) 4,6-Dinitro-2-methylphenol	15.87	198	44786	41.38	ng		93
65) n-Nitrosodiphenylamine	16.00	169	233769	40.95	ng		98
66) 4-Bromophenyl-phenylether	16.68	248	99205	40.47	ng		95
67) Hexachlorobenzene	16.80	284	106848	41.84	ng		96
68) Atrazine	16.95	200	96679	38.98	ng		94
69) Pentachlorophenol	17.14	266	62609	42.01	ng		91
70) Phenanthrene	17.54	178	445151	39.88	ng		97
71) Anthracene	17.63	178	455535	40.07	ng		97
72) Carbazole	17.89	167	389221	38.86	ng		99
73) Di-n-butylphthalate	18.46	149	483309	39.37	ng		99
74) Fluoranthene	19.54	202	551366	38.62	ng		93
76) Benzidine	19.72	184	304079	39.12	ng		97
77) Pyrene	19.90	202	555176	39.88	ng		95
79) Butylbenzylphthalate	20.79	149	223194	40.90	ng		98
80) Benzo(a)anthracene	21.75	228	575279	39.71	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	219124	39.72	ng	#	97
82) Chrysene	21.82	228	550788	40.05	ng		98
83) Bis(2-ethylhexyl)phthalate	21.67	149	323899	40.45	ng		96
84) Di-n-octyl phthalate	22.92	149	537657	41.29	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.85	276	652364	43.06	ng	#	100
87) Benzo(b)fluoranthene	24.03	252	554760	38.92	ng	#	95
88) Benzo(k)fluoranthene	24.09	252	554375	39.27	ng	#	96
89) Benzo(a)pyrene	24.92	252	537802	39.74	ng	#	94
90) Dibenzo(a,h)anthracene	28.92	278	542438	40.57	ng	#	92
91) Benzo(g,h,i)perylene	30.02	276	536555	40.87	ng	#	92

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

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