Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022318\
Data File : BG032809.D
Acq On : 24 Feb 2018 3:45
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 24 05:56:47 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 17:04:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	66828	20.00	ng		0.00
21) Naphthalene-d8	11.82	136	301341	20.00	ng		0.00
38) Acenaphthene-d10	15.55	164	170804	20.00	ng		0.00
63) Phenanthrene-d10	18.27	188	389746	20.00	ng		0.00
75) Chrysene-d12	22.63	240	378877	20.00	ng		0.00
86) Perylene-d12	26.44	264	413997	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.34	112	342795	82.06	ng		0.00
7) Phenol-d6	8.02	99	472875	81.22	ng		0.00
23) Nitrobenzene-d5	10.13	82	389828	89.22	ng		0.00
41) 2,4,6-Tribromophenol	17.02	330	162139	90.28	ng		0.00
44) 2-Fluorobiphenyl	14.18	172	916832	77.42	ng		0.00
78) Terphenyl-d14	20.79	244	1253524	74.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.98	88	74373	41.03	ng		87
3) Pyridine	4.44	79	212461	42.52	ng		93
4) n-Nitrosodimethylamine	4.34	42	82142	41.00	ng	#	94
6) Aniline	8.22	93	308103	39.09	ng		95
8) 2-Chlorophenol	8.47	128	184238	40.30	ng		93
9) Benzaldehyde	8.03	77	124891	37.22	ng		89
10) Phenol	8.05	94	238442	40.63	ng		90
11) bis(2-Chloroethyl)ether	8.31	93	186277	38.81	ng		92
12) 1,3-Dichlorobenzene	8.82	146	206972	38.65	ng		97
13) 1,4-Dichlorobenzene	8.97	146	210963	39.14	ng		97
14) 1,2-Dichlorobenzene	9.30	146	201021	38.92	ng		99
15) Benzyl Alcohol	9.16	79	168590	39.39	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.46	45	300959	36.48	ng		96
17) 2-Methylphenol	9.36	107	169976	39.27	ng		96
18) Hexachloroethane	10.06	117	72841	39.69	ng	#	85
19) n-Nitroso-di-n-propylamine	9.74	70	155763	37.89	ng	#	97
20) 3+4-Methylphenols	9.69	107	240637	39.99	ng		94
22) Acetophenone	9.77	105	299953	39.41	ng	#	94
24) Nitrobenzene	10.17	77	206709	43.68	ng		89
25) Isophorone	10.70	82	407568	38.53	ng	#	93
26) 2-Nitrophenol	10.90	139	92530	52.69	ng		90
27) 2,4-Dimethylphenol	10.93	122	185303	40.33	ng		89
28) bis(2-Chloroethoxy)methane	11.18	93	237798	38.59	ng		94
29) 2,4-Dichlorophenol	11.44	162	167837	40.25	ng		97
30) 1,2,4-Trichlorobenzene	11.67	180	188174	38.49	ng		98
31) Naphthalene	11.87	128	619561	39.35	ng		98
32) Benzoic acid	11.05	122	148423	50.60	ng	#	83
33) 4-Chloroaniline	11.95	127	279090	39.64	ng		95
34) Hexachlorobutadiene	12.13	225	103109	37.60	ng		96
35) Caprolactam	12.70	113	76497	45.81	ng	#	82
36) 4-Chloro-3-methylphenol	13.01	107	204382	42.12	ng	#	89
37) 2-Methylnaphthalene	13.42	142	445670	39.12	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.77	216	196117	38.68	ng	#	97
40) Hexachlorocyclopentadiene	13.74	237	102338	39.60	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.99	196	134064	41.93	ng		98
43) 2,4,5-Trichlorophenol	14.06	196	158634	42.86	ng		97
45) 1,1'-Biphenyl	14.38	154	584753	39.18	ng		96
46) 2-Chloronaphthalene	14.44	162	431205	38.68	ng		97
47) 2-Nitroaniline	14.62	65	137271	48.65	ng		89
48) Acenaphthylene	15.28	152	718529	39.36	ng		97
49) Dimethylphthalate	14.97	163	565999	39.03	ng		99
50) 2,6-Dinitrotoluene	15.10	165	117751	48.86	ng		91
51) Acenaphthene	15.61	154	455068	40.03	ng		98
52) 3-Nitroaniline	15.43	138	146324	49.07	ng	#	82
53) 2,4-Dinitrophenol	15.62	184	35754	54.23	ng	#	1
54) Dibenzofuran	15.94	168	628089	38.80	ng		94
55) 4-Nitrophenol	15.69	139	107237	48.24	ng	#	76
56) 2,4-Dinitrotoluene	15.87	165	163524	55.81	ng	#	83
57) Fluorene	16.58	166	531168	39.76	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.15	232	125080m	43.53	ng		
59) Diethylphthalate	16.31	149	610370	39.90	ng		98
60) 4-Chlorophenyl-phenylether	16.56	204	256687	39.27	ng		94
61) 4-Nitroaniline	16.58	138	150812	48.03	ng		84
62) Azobenzene	16.85	77	537242	39.26	ng		96
64) 4,6-Dinitro-2-methylphenol	16.63	198	70619	57.56	ng		96
65) n-Nitrosodiphenylamine	16.76	169	496673	39.17	ng		98
66) 4-Bromophenyl-phenylether	17.45	248	155633	37.76	ng	#	86
67) Hexachlorobenzene	17.57	284	167514	37.61	ng	#	92
68) Atrazine	17.69	200	168332	40.33	ng		94
69) Pentachlorophenol	17.90	266	125195	44.63	ng		98
70) Phenanthrene	18.31	178	863417	39.71	ng		97
71) Anthracene	18.41	178	867985	39.76	ng		99
72) Carbazole	18.66	167	853670	39.67	ng	#	97
73) Di-n-butylphthalate	19.17	149	1066585	40.41	ng		99
74) Fluoranthene	20.26	202	965430	40.19	ng		93
76) Benzidine	20.42	184	415034m	32.14	ng		
77) Pyrene	20.62	202	999451	37.41	ng		97
79) Butylbenzylphthalate	21.49	149	502225	42.40	ng		92
80) Benzo(a)anthracene	22.61	228	947901	39.02	ng		99
81) 3,3'-Dichlorobenzidine	22.50	252	361028	40.12	ng	#	98
82) Chrysene	22.69	228	907211	39.09	ng		97
83) Bis(2-ethylhexyl)phthalate	22.46	149	731203	41.70	ng	#	96
84) Di-n-octyl phthalate	23.88	149	1168470	43.72	ng		98
85) Indeno(1,2,3-cd)pyrene	30.89	276	1097237	40.54	ng		95
87) Benzo(b)fluoranthene	25.22	252	948676	38.76	ng	#	96
88) Benzo(k)fluoranthene	25.31	252	938387	38.57	ng	#	96
89) Benzo(a)pyrene	26.27	252	916590	39.37	ng	#	95
90) Dibenzo(a,h)anthracene	30.99	278	918055	39.17	ng	#	94
91) Benzo(g,h,i)perylene	32.30	276	905731	39.21	ng	#	90

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

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