Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022318\
Data File : BG032792.D
Acq On : 23 Feb 2018 16:25
Operator : SJ/JU
Sample : J1398-06MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-01-022218MS

Quant Time: Feb 23 17:13:13 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	66641	20.00	ng		0.00
21) Naphthalene-d8	11.82	136	297763	20.00	ng		0.00
38) Acenaphthene-d10	15.54	164	168052	20.00	ng		0.00
63) Phenanthrene-d10	18.27	188	390671	20.00	ng		0.00
75) Chrysene-d12	22.63	240	390464	20.00	ng		0.00
86) Perylene-d12	26.44	264	432959	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.34	112	575198	138.09	ng		0.00
7) Phenol-d6	8.02	99	720529	124.10	ng		0.00
23) Nitrobenzene-d5	10.13	82	445883	101.71	ng		0.00
41) 2,4,6-Tribromophenol	17.01	330	283666	160.53	ng		0.00
44) 2-Fluorobiphenyl	14.17	172	1014443	87.06	ng		0.00
78) Terphenyl-d14	20.79	244	1614374	92.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.98	88	71188	39.38	ng		88
3) Pyridine	4.44	79	146122	29.33	ng		95
4) n-Nitrosodimethylamine	4.33	42	100147	50.13	ng	#	94
6) Aniline	8.22	93	136382	17.35	ng		97
8) 2-Chlorophenol	8.47	128	219081	48.05	ng		93
9) Benzaldehyde	8.02	77	118734	35.48	ng		87
10) Phenol	8.05	94	255407	43.64	ng		90
11) bis(2-Chloroethyl)ether	8.31	93	207014	43.26	ng		93
12) 1,3-Dichlorobenzene	8.81	146	217609	40.75	ng		97
13) 1,4-Dichlorobenzene	8.96	146	221387	41.19	ng		97
14) 1,2-Dichlorobenzene	9.30	146	209813	40.73	ng		98
15) Benzyl Alcohol	9.16	79	189131	44.31	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.45	45	334853	40.70	ng		95
17) 2-Methylphenol	9.36	107	189313	43.86	ng		95
18) Hexachloroethane	10.05	117	78751	43.03	ng	#	85
19) n-Nitroso-di-n-propylamine	9.74	70	169026	41.24	ng	#	97
20) 3+4-Methylphenols	9.68	107	258229	43.03	ng		93
22) Acetophenone	9.77	105	318158	42.31	ng	#	94
24) Nitrobenzene	10.17	77	227517	47.92	ng		91
25) Isophorone	10.70	82	473087	45.27	ng	#	93
26) 2-Nitrophenol	10.89	139	102845	57.31	ng		90
27) 2,4-Dimethylphenol	10.92	122	234487	51.65	ng		90
28) bis(2-Chloroethoxy)methane	11.17	93	284797	46.78	ng	#	94
29) 2,4-Dichlorophenol	11.44	162	202895	49.24	ng		94
30) 1,2,4-Trichlorobenzene	11.66	180	195107	40.39	ng		99
31) Naphthalene	11.86	128	682156	43.84	ng		99
32) Benzoic acid	11.02	122	112116	42.09	ng	#	83
33) 4-Chloroaniline	11.95	127	104212	14.98	ng		95
34) Hexachlorobutadiene	12.13	225	108559	40.07	ng		99
35) Caprolactam	12.69	113	74467	45.13	ng	#	82
36) 4-Chloro-3-methylphenol	13.01	107	241843	50.43	ng		89
37) 2-Methylnaphthalene	13.42	142	493798	43.87	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	203152	40.72	ng	#	96
40) Hexachlorocyclopentadiene	13.74	237	233695	91.92	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	158411	50.35	ng		99
43) 2,4,5-Trichlorophenol	14.06	196	176004	48.34	ng	#	97
45) 1,1'-Biphenyl	14.38	154	612173	41.69	ng		95
46) 2-Chloronaphthalene	14.44	162	464810	42.37	ng		97
47) 2-Nitroaniline	14.62	65	153258	53.88	ng		90
48) Acenaphthylene	15.27	152	773949	43.09	ng		97
49) Dimethylphthalate	14.97	163	631130	44.23	ng		99
50) 2,6-Dinitrotoluene	15.10	165	133579	54.97	ng		88
51) Acenaphthene	15.61	154	524356	46.88	ng		97
52) 3-Nitroaniline	15.42	138	96995	35.52	ng	#	85
53) 2,4-Dinitrophenol	15.62	184	99708	114.70	ng	#	81
54) Dibenzofuran	15.94	168	725003	45.52	ng		95
55) 4-Nitrophenol	15.69	139	248957	104.19	ng	#	79
56) 2,4-Dinitrotoluene	15.87	165	185138	61.96	ng	#	85
57) Fluorene	16.58	166	597366	45.44	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.14	232	153937m	54.45	ng		
59) Diethylphthalate	16.31	149	681979	45.31	ng		98
60) 4-Chlorophenyl-phenylether	16.55	204	289882	45.08	ng		92
61) 4-Nitroaniline	16.58	138	155806	50.17	ng		85
62) Azobenzene	16.85	77	611024	45.38	ng		97
64) 4,6-Dinitro-2-methylphenol	16.62	198	72245	58.37	ng		97
65) n-Nitrosodiphenylamine	16.76	169	561542	44.18	ng		99
66) 4-Bromophenyl-phenylether	17.44	248	179401	43.43	ng	#	89
67) Hexachlorobenzene	17.57	284	185987	41.66	ng	#	92
68) Atrazine	17.69	200	193209	46.19	ng		96
69) Pentachlorophenol	17.90	266	258672	91.99	ng		99
70) Phenanthrene	18.31	178	984137	45.15	ng		98
71) Anthracene	18.40	178	1005157	45.94	ng		98
72) Carbazole	18.66	167	972417	45.09	ng		96
73) Di-n-butylphthalate	19.16	149	1198071	45.28	ng		99
74) Fluoranthene	20.26	202	1135188	47.15	ng		93
76) Benzidine	20.42	184	78316	5.88	ng		98
77) Pyrene	20.62	202	1145145	41.59	ng		96
79) Butylbenzylphthalate	21.49	149	584334	47.86	ng		91
80) Benzo(a)anthracene	22.61	228	1139960	45.53	ng		98
81) 3,3'-Dichlorobenzidine	22.49	252	249525	26.91	ng	#	98
82) Chrysene	22.68	228	1076436	45.01	ng		97
83) Bis(2-ethylhexyl)phthalate	22.46	149	844594	46.74	ng		98
84) Di-n-octyl phthalate	23.88	149	1458958	52.97	ng		98
85) Indeno(1,2,3-cd)pyrene	30.89	276	1359593	48.74	ng		97
87) Benzo(b)fluoranthene	25.22	252	1165260	45.52	ng	#	97
88) Benzo(k)fluoranthene	25.30	252	1139983	44.81	ng	#	94
89) Benzo(a)pyrene	26.26	252	1137692	46.73	ng	#	96
90) Dibenzo(a,h)anthracene	30.97	278	1144118	46.68	ng	#	92
91) Benzo(g,h,i)perylene	32.28	276	1132045	46.86	ng	#	89

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

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