Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040918\
Data File : BG033677.D
Acq On : 9 Apr 2018 12:52
Operator : SJ/JU
Sample : J2236-05MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-101MS

Quant Time: Apr 10 05:54:17 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 05 17:36:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.85	152	45734	20.00	ng		-0.01
21) Naphthalene-d8	11.74	136	192243	20.00	ng		0.00
38) Acenaphthene-d10	15.47	164	141203	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	341380	20.00	ng		0.00
75) Chrysene-d12	22.55	240	330843	20.00	ng		0.00
86) Perylene-d12	26.31	264	359086	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.28	112	149806	61.42	ng		0.00
7) Phenol-d6	7.97	99	137481	32.81	ng		0.00
23) Nitrobenzene-d5	10.06	82	368184	87.99	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	235049	111.30	ng		0.00
44) 2-Fluorobiphenyl	14.11	172	830781	84.94	ng		0.00
78) Terphenyl-d14	20.73	244	1242095	80.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	21010	16.963	ng	#	85
3) Pyridine	4.39	79	46180	13.487	ng		94
4) n-Nitrosodimethylamine	4.29	42	26212	18.655	ng	#	75
6) Aniline	8.15	93	62670	12.717	ng	#	88
8) 2-Chlorophenol	8.41	128	109545	39.287	ng		96
9) Benzaldehyde	7.96	77	43670	16.398	ng		95
10) Phenol	7.99	94	61763	14.928	ng		94
11) bis(2-Chloroethyl)ether	8.24	93	142627	42.233	ng		98
12) 1,3-Dichlorobenzene	8.74	146	128544	35.262	ng		93
13) 1,4-Dichlorobenzene	8.89	146	131033	35.892	ng		91
14) 1,2-Dichlorobenzene	9.22	146	136691	38.362	ng		95
15) Benzyl Alcohol	9.09	79	85722	25.981	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.38	45	246779	44.824	ng		92
17) 2-Methylphenol	9.29	107	80317	28.495	ng	#	89
18) Hexachloroethane	9.97	117	50603	35.913	ng		96
19) n-Nitroso-di-n-propylamine	9.66	70	134235	43.714	ng		98
20) 3+4-Methylphenols	9.63	107	102374	25.510	ng		90
22) Acetophenone	9.70	105	226476	43.001	ng	#	96
24) Nitrobenzene	10.10	77	193399	43.182	ng		93
25) Isophorone	10.62	82	379536	46.735	ng		99
26) 2-Nitrophenol	10.83	139	76469	45.098	ng	#	89
27) 2,4-Dimethylphenol	10.86	122	118797	48.228	ng		92
28) bis(2-Chloroethoxy)methane	11.10	93	194434	47.985	ng		98
29) 2,4-Dichlorophenol	11.37	162	135089	44.594	ng		99
30) 1,2,4-Trichlorobenzene	11.59	180	145475	36.962	ng		97
31) Naphthalene	11.79	128	419574	42.117	ng		98
32) Benzoic acid	10.96	122	17603	7.687	ng	#	61
33) 4-Chloroaniline	11.89	127	61052	13.679	ng	#	91
34) Hexachlorobutadiene	12.05	225	101764	34.191	ng		98
35) Caprolactam	12.62	113	6942	5.850	ng		89
36) 4-Chloro-3-methylphenol	12.95	107	153860	38.942	ng		93
37) 2-Methylnaphthalene	13.34	142	322345	41.688	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	201380	39.372	ng	#	98
40) Hexachlorocyclopentadiene	13.67	237	215302	71.806	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.92	196	129012	43.414	ng		98
43) 2,4,5-Trichlorophenol	14.00	196	129429	36.848	ng		95
45) 1,1'-Biphenyl	14.32	154	454811	41.925	ng		97
46) 2-Chloronaphthalene	14.37	162	347920	41.594	ng		97
47) 2-Nitroaniline	14.56	65	145348	46.393	ng		88
48) Acenaphthylene	15.20	152	573558	41.080	ng		99
49) Dimethylphthalate	14.90	163	543157	44.200	ng		99
50) 2,6-Dinitrotoluene	15.03	165	112230	44.666	ng		96
51) Acenaphthene	15.54	154	414736	46.079	ng		94
52) 3-Nitroaniline	15.37	138	39644	15.049	ng	#	96
53) 2,4-Dinitrophenol	15.57	184	103016	79.249	ng	#	71
54) Dibenzofuran	15.87	168	566535	42.613	ng		91
55) 4-Nitrophenol	15.66	139	56040	30.253	ng	#	86
56) 2,4-Dinitrotoluene	15.81	165	162152	43.829	ng		92
57) Fluorene	16.51	166	468841	41.394	ng		96
58) 2,3,4,6-Tetrachlorophenol	16.09	232	139771	42.268	ng		98
59) Diethylphthalate	16.24	149	512461	42.947	ng		98
60) 4-Chlorophenyl-phenylether	16.48	204	260765	40.051	ng		98
61) 4-Nitroaniline	16.53	138	90194	33.811	ng		87
62) Azobenzene	16.78	77	522031	45.163	ng		98
64) 4,6-Dinitro-2-methylphenol	16.57	198	84712	41.480	ng		96
65) n-Nitrosodiphenylamine	16.70	169	431132	44.237	ng		99
66) 4-Bromophenyl-phenylether	17.38	248	166519	41.534	ng	#	90
67) Hexachlorobenzene	17.51	284	171925	40.633	ng		95
68) Atrazine	17.62	200	168161	42.581	ng		98
69) Pentachlorophenol	17.85	266	203930	70.222	ng		97
70) Phenanthrene	18.25	178	758835	42.681	ng		98
71) Anthracene	18.34	178	790528	43.914	ng		99
72) Carbazole	18.60	167	692200	43.392	ng	#	97
73) Di-n-butylphthalate	19.09	149	838203	45.143	ng	#	99
74) Fluoranthene	20.20	202	939234	42.690	ng		97
76) Benzidine	20.37	184	151005	16.831	ng		97
77) Pyrene	20.56	202	936154	42.426	ng		97
79) Butylbenzylphthalate	21.41	149	377535	46.366	ng		98
80) Benzo(a)anthracene	22.53	228	908243	43.113	ng		97
81) 3,3'-Dichlorobenzidine	22.42	252	99480	13.270	ng		99
82) Chrysene	22.61	228	871613	42.742	ng		96
83) Bis(2-ethylhexyl)phthalate	22.35	149	532378	47.430	ng		96
84) Di-n-octyl phthalate	23.74	149	918660	53.453	ng		100
85) Indeno(1,2,3-cd)pyrene	30.69	276	1046290	47.455	ng		96
87) Benzo(b)fluoranthene	25.10	252	900337	43.398	ng	#	97
88) Benzo(k)fluoranthene	25.19	252	912953	43.511	ng	#	97
89) Benzo(a)pyrene	26.14	252	896344	44.990	ng	#	97
90) Dibenzo(a,h)anthracene	30.76	278	880803	46.934	ng		98
91) Benzo(g,h,i)perylene	32.07	276	870798	46.858	ng		95

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

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