Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
Data File : BG037567.D
Acq On : 26 Oct 2018 6:05
Operator : JU/SJ
Sample : J5655-02MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S37-0008MS

Quant Time: Oct 26 07:48:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	54165	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	251937	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	170000	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	393215	20.00	ng		0.00
76) Chrysene-d12	21.77	240	347826	20.00	ng		0.00
87) Perylene-d12	25.10	264	368907	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	200566	61.91	ng		0.00
7) Phenol-d6	7.25	99	186219	38.01	ng		0.00
23) Nitrobenzene-d5	9.28	82	381172	84.75	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	230193	124.15	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	894345	79.33	ng		0.00
79) Terphenyl-d14	20.08	244	1297738	79.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	24740	15.058	ng		98
3) Pyridine	3.94	79	59013	14.251	ng		96
4) n-Nitrosodimethylamine	3.86	42	34110	23.126	ng	#	93
6) Aniline	7.43	93	159166	26.632	ng		97
8) 2-Chlorophenol	7.66	128	166829	44.017	ng		98
9) Benzaldehyde	7.24	77	121011	39.488	ng		98
10) Phenol	7.27	94	83194	16.095	ng		99
11) bis(2-Chloroethyl)ether	7.52	93	193215	49.216	ng		98
12) 1,3-Dichlorobenzene	7.99	146	184336	43.687	ng		98
13) 1,4-Dichlorobenzene	8.14	146	187442	43.429	ng		98
14) 1,2-Dichlorobenzene	8.46	146	182454	43.946	ng		97
15) Benzyl Alcohol	8.34	79	116614	32.215	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	356353	50.730	ng		97
17) 2-Methylphenol	8.54	107	127335	37.262	ng		98
18) Hexachloroethane	9.19	117	65775	44.702	ng		94
19) n-Nitroso-di-n-propylamine	8.91	70	166126	49.244	ng		94
20) 3+4-Methylphenols	8.87	107	159060	32.555	ng		96
22) Acetophenone	8.93	105	311501	49.300	ng	#	98
24) Nitrobenzene	9.33	77	237567	50.848	ng		96
25) Isophorone	9.84	82	476238	57.955	ng		96
26) 2-Nitrophenol	10.04	139	113702	54.022	ng		98
27) 2,4-Dimethylphenol	10.08	122	195414	52.000	ng		98
28) bis(2-Chloroethoxy)methane	10.32	93	289525	53.776	ng		99
29) 2,4-Dichlorophenol	10.57	162	209983	50.186	ng		97
30) 1,2,4-Trichlorobenzene	10.78	180	206702	45.428	ng		98
31) Naphthalene	10.98	128	644593	52.090	ng		99
32) Benzoic acid	10.16	122	41255	16.902	ng		96
33) 4-Chloroaniline	11.09	127	167040	28.729	ng		95
34) Hexachlorobutadiene	11.24	225	116890	43.345	ng		97
35) Caprolactam	11.88	113	11743m	6.998	ng		
36) 4-Chloro-3-methylphenol	12.18	107	223941	47.458	ng		96
37) 2-Methylnaphthalene	12.57	142	504705	55.951	ng		99
38) 1-Methylnaphthalene	12.79	142	479541	54.741	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	255838	46.657	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	274750	104.895 ng		99
43) 2,4,6-Trichlorophenol	13.17	196	191966	52.401 ng		99
44) 2,4,5-Trichlorophenol	13.24	196	206931	51.881 ng		99
46) 1,1'-Biphenyl	13.57	154	649724	46.149 ng		97
47) 2-Chloronaphthalene	13.62	162	518607	48.689 ng		99
48) 2-Nitroaniline	13.83	65	177228	54.869 ng		97
49) Acenaphthylene	14.47	152	860935	53.733 ng		99
50) Dimethylphthalate	14.19	163	675813	51.387 ng		99
51) 2,6-Dinitrotoluene	14.32	165	157261	54.053 ng		93
52) Acenaphthene	14.80	154	504698	51.146 ng		99
53) 3-Nitroaniline	14.65	138	118784	36.777 ng	#	99
54) 2,4-Dinitrophenol	14.85	184	134216	93.549 ng		92
55) Dibenzofuran	15.14	168	809217	49.496 ng		98
56) 4-Nitrophenol	14.94	139	126096	52.744 ng		99
57) 2,4-Dinitrotoluene	15.10	165	214998	56.296 ng		95
58) Fluorene	15.78	166	656326	53.608 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	180659	52.901 ng		97
60) Diethylphthalate	15.54	149	696123	51.557 ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	342403	47.982 ng		100
62) 4-Nitroaniline	15.82	138	160523	50.017 ng		90
63) Azobenzene	16.06	77	668450	51.888 ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	112530	53.377 ng		95
66) n-Nitrosodiphenylamine	15.99	169	592172	50.065 ng		99
67) 4-Bromophenyl-phenylether	16.66	248	218542	50.610 ng		97
68) Hexachlorobenzene	16.78	284	219243	48.989 ng		99
69) Atrazine	16.93	200	222215	51.963 ng		99
70) Pentachlorophenol	17.12	266	258093	86.096 ng		97
71) Phenanthrene	17.53	178	1063443	53.214 ng		98
72) Anthracene	17.62	178	1071547	54.638 ng		97
73) Carbazole	17.89	167	974013	49.650 ng		98
74) Di-n-butylphthalate	18.43	149	1153766	52.869 ng		99
75) Fluoranthene	19.53	202	1216056	53.651 ng		97
77) Benzidine	19.71	184	371358	31.399 ng		99
78) Pyrene	19.90	202	1191721	52.411 ng		99
80) Butylbenzylphthalate	20.76	149	531045	57.067 ng		99
81) Benzo(a)anthracene	21.75	228	1130088	54.929 ng		97
82) 3,3'-Dichlorobenzidine	21.66	252	330109	41.396 ng		98
83) Chrysene	21.82	228	1059683	53.565 ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	745750	57.172 ng		97
85) Di-n-octyl phthalate	22.87	149	1251559	58.841 ng		99
86) Indeno(1,2,3-cd)pyrene	28.93	276	1227034	57.829 ng		99
88) Benzo(b)fluoranthene	24.04	252	1152767	56.998 ng		99
89) Benzo(k)fluoranthene	24.11	252	1078040	54.405 ng		96
90) Benzo(a)pyrene	24.95	252	1099337	57.203 ng		98
91) Dibenzo(a,h)anthracene	29.00	278	988975	55.788 ng		96
92) Benzo(g,h,i)perylene	30.14	276	1019791	56.861 ng		99

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

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