Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
Data File : BG036754.D
Acq On : 17 Sep 2018 14:46
Operator : JU/SJ
Sample : J4940-05MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-2MS

Quant Time: Sep 17 17:56:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	55538	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	226572	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	144308	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	368934	20.00	ng		0.00
75) Chrysene-d12	21.68	240	370028	20.00	ng		0.00
86) Perylene-d12	24.89	264	386354	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	390251	111.46	ng		0.00
7) Phenol-d6	7.21	99	543982	108.52	ng		0.00
23) Nitrobenzene-d5	9.21	82	340112	81.45	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	225863	131.17	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	740738	73.29	ng		0.00
78) Terphenyl-d14	20.02	244	1211720	76.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	38896	23.805	ng		98
3) Pyridine	3.93	79	96122	20.958	ng		98
4) n-Nitrosodimethylamine	3.85	42	61334	30.025	ng		95
6) Aniline	7.38	93	143989	22.630	ng		97
8) 2-Chlorophenol	7.61	128	111860	29.462	ng		97
9) Benzaldehyde	7.18	77	55496	16.077	ng		99
10) Phenol	7.24	94	168621	32.144	ng		97
11) bis(2-Chloroethyl)ether	7.47	93	112012	26.934	ng		96
12) 1,3-Dichlorobenzene	7.94	146	115042	26.536	ng		98
13) 1,4-Dichlorobenzene	8.09	146	118579	27.091	ng		98
14) 1,2-Dichlorobenzene	8.41	146	114551	27.403	ng		100
15) Benzyl Alcohol	8.28	79	113110	27.991	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	219802	26.208	ng		100
17) 2-Methylphenol	8.48	107	102668	29.475	ng		98
18) Hexachloroethane	9.13	117	43595	27.779	ng		92
19) n-Nitroso-di-n-propylamine	8.85	70	98799	26.372	ng		95
20) 3+4-Methylphenols	8.81	107	141029	29.000	ng		97
22) Acetophenone	8.87	105	173676	29.191	ng	#	100
24) Nitrobenzene	9.25	77	140258	31.147	ng		98
25) Isophorone	9.78	82	267859	32.289	ng		99
26) 2-Nitrophenol	9.96	139	60941	34.152	ng		98
27) 2,4-Dimethylphenol	10.02	122	109796	33.235	ng		96
28) bis(2-Chloroethoxy)methane	10.26	93	156883	30.814	ng		98
29) 2,4-Dichlorophenol	10.50	162	120045	33.156	ng		96
30) 1,2,4-Trichlorobenzene	10.72	180	124088	29.297	ng		99
31) Naphthalene	10.90	128	362836	32.035	ng		98
32) Benzoic acid	10.09	122	6680	6.952	ng		90
33) 4-Chloroaniline	11.01	127	138718	26.727	ng		99
34) Hexachlorobutadiene	11.19	225	84330	29.634	ng		98
35) Caprolactam	11.78	113	44942	31.160	ng	#	87
36) 4-Chloro-3-methylphenol	12.13	107	132955	31.604	ng		98
37) 2-Methylnaphthalene	12.51	142	278413	33.595	ng		100
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	157500	30.841	ng		98
40) Hexachlorocyclopentadiene	12.85	237	192731	72.534	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	104174	33.487 ng	99
43) 2,4,5-Trichlorophenol	13.18	196	115058	34.676 ng	99
45) 1,1'-Biphenyl	13.51	154	353888	29.543 ng	99
46) 2-Chloronaphthalene	13.55	162	274842	30.055 ng	99
47) 2-Nitroaniline	13.75	65	98557	34.321 ng	99
48) Acenaphthylene	14.40	152	461922	32.321 ng	98
49) Dimethylphthalate	14.13	163	452912	38.436 ng	98
50) 2,6-Dinitrotoluene	14.25	165	81088	33.442 ng	96
51) Acenaphthene	14.74	154	270159	29.516 ng	99
52) 3-Nitroaniline	14.58	138	77454	29.642 ng	95
53) 2,4-Dinitrophenol	14.78	184	33620	36.606 ng	93
54) Dibenzofuran	15.07	168	443972	30.961 ng	98
55) 4-Nitrophenol	14.88	139	132074	61.820 ng	98
56) 2,4-Dinitrotoluene	15.03	165	113850	36.027 ng	93
57) Fluorene	15.72	166	354762	33.094 ng	97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	113652	36.456 ng	97
59) Diethylphthalate	15.49	149	370303	31.182 ng	99
60) 4-Chlorophenyl-phenylether	15.71	204	199267	30.103 ng	100
61) 4-Nitroaniline	15.74	138	92406	33.795 ng	95
62) Azobenzene	16.00	77	364529	30.169 ng	98
64) 4,6-Dinitro-2-methylphenol	15.79	198	53070	32.746 ng	97
65) n-Nitrosodiphenylamine	15.93	169	328318	29.950 ng	97
66) 4-Bromophenyl-phenylether	16.61	248	134431	31.122 ng	95
67) Hexachlorobenzene	16.73	284	135468	30.671 ng	94
68) Atrazine	16.87	200	142271	34.576 ng	99
69) Pentachlorophenol	17.07	266	147231	49.047 ng	96
70) Phenanthrene	17.46	178	607222	32.391 ng	98
71) Anthracene	17.55	178	616975	33.016 ng	100
72) Carbazole	17.82	167	556978	29.845 ng	98
73) Di-n-butylphthalate	18.38	149	629853	30.308 ng	99
74) Fluoranthene	19.46	202	754969	33.031 ng	99
76) Benzidine	19.65	184	152185	12.891 ng	96
77) Pyrene	19.83	202	748971	32.915 ng	99
79) Butylbenzylphthalate	20.71	149	283688	31.327 ng	98
80) Benzo(a)anthracene	21.66	228	737428	32.896 ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	223723	25.042 ng	99
82) Chrysene	21.73	228	686362	32.302 ng	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	386633	30.511 ng	99
84) Di-n-octyl phthalate	22.78	149	662242	31.288 ng	97
85) Indeno(1,2,3-cd)pyrene	28.52	276	804164	32.584 ng	99
87) Benzo(b)fluoranthene	23.87	252	719490	33.536 ng	98
88) Benzo(k)fluoranthene	23.94	252	675444	32.226 ng	99
89) Benzo(a)pyrene	24.73	252	693924	33.659 ng	99
90) Dibenzo(a,h)anthracene	28.59	278	659568	33.140 ng	98
91) Benzo(g,h,i)perylene	29.67	276	668874	33.443 ng	97

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

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