Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
Data File : BG039397.D
Acq On : 8 Feb 2019 00:53
Operator : JU/SJ
Sample : K1385-08MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
98-WC-S-01-2-57MS

Manual Integrations APPROVED
Sohil
2/11/2019 5:04:23 PM

Quant Time: Feb 09 00:33:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	57180	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	238108	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	158660	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	385447	20.00	ng	0.00
76) Chrysene-d12	21.84	240	401693	20.00	ng	0.00
87) Perylene-d12	25.22	264	423574	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	447272	133.88	ng	0.00
7) Phenol-d6	7.32	99	588702	119.71	ng	0.00
23) Nitrobenzene-d5	9.36	82	398216	104.48	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	256744	150.27	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	932419	84.31	ng	0.00
79) Terphenyl-d14	20.14	244	1521295	80.16	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.62	88	49273	33.716	ng	# 31
3) Pyridine	4.02	79	134576	34.781	ng	98
4) n-Nitrosodimethylamine	3.93	42	79109	40.882	ng	94
6) Aniline	7.50	93	54469	8.843	ng	96
8) 2-Chlorophenol	7.73	128	161110	44.116	ng	98
9) Benzaldehyde	7.32	77	88778	34.830	ng	97
10) Phenol	7.35	94	195113	38.061	ng	97
11) bis(2-Chloroethyl)ether	7.59	93	162918	40.219	ng	98
12) 1,3-Dichlorobenzene	8.06	146	167103	37.772	ng	98
13) 1,4-Dichlorobenzene	8.21	146	170741	38.721	ng	95
14) 1,2-Dichlorobenzene	8.53	146	163012	38.187	ng	97
15) Benzyl Alcohol	8.42	79	157107	40.693	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.70	45	314271	34.355	ng	98
17) 2-Methylphenol	8.60	107	140508	42.355	ng	98
18) Hexachloroethane	9.27	117	59819	39.431	ng	94
19) n-Nitroso-di-n-propylamine	8.98	70	131802	37.761	ng	96
20) 3+4-Methylphenols	8.93	107	190662	41.736	ng	98
22) Acetophenone	9.01	105	248405	38.838	ng	# 96
24) Nitrobenzene	9.40	77	192923	46.853	ng	99
25) Isophorone	9.91	82	369229	43.716	ng	98
26) 2-Nitrophenol	10.11	139	89281	53.402	ng	97
27) 2,4-Dimethylphenol	10.15	122	166266	48.663	ng	93
28) bis(2-Chloroethoxy)methane	10.40	93	223931	43.044	ng	98
29) 2,4-Dichlorophenol	10.64	162	179907	48.178	ng	91
30) 1,2,4-Trichlorobenzene	10.85	180	175860	41.947	ng	97
31) Naphthalene	11.05	128	516293	43.708	ng	99
32) Benzoic acid	10.25	122	76835	36.909	ng	96
33) 4-Chloroaniline	11.17	127	8216	1.500	ng	# 89
34) Hexachlorobutadiene	11.32	225	115038	41.261	ng	96
35) Caprolactam	11.94	113	49919m	32.305	ng	
36) 4-Chloro-3-methylphenol	12.25	107	191712	44.392	ng	99
37) 2-Methylnaphthalene	12.65	142	384773	43.980	ng	98
38) 1-Methylnaphthalene	12.86	142	371393	44.038	ng	98
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	211812	41.959	ng	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	251558	91.449 ng	99
43) 2,4,6-Trichlorophenol	13.23	196	144273	46.482 ng	97
44) 2,4,5-Trichlorophenol	13.31	196	157338	48.366 ng	97
46) 1,1'-Biphenyl	13.64	154	521336	39.492 ng	100
47) 2-Chloronaphthalene	13.69	162	404070	40.689 ng	99
48) 2-Nitroaniline	13.89	65	137133	48.058 ng	96
49) Acenaphthylene	14.53	152	652003	43.511 ng	98
50) Dimethylphthalate	14.25	163	538725	42.042 ng	100
51) 2,6-Dinitrotoluene	14.38	165	119933	49.795 ng	97
52) Acenaphthene	14.87	154	404371	41.573 ng	98
53) 3-Nitroaniline	14.71	138	14954	10.881 ng	83
54) 2,4-Dinitrophenol	14.91	184	32328	40.562 ng	88
55) Dibenzofuran	15.20	168	646057	41.426 ng	98
56) 4-Nitrophenol	15.00	139	181233	78.351 ng	93
57) 2,4-Dinitrotoluene	15.16	165	169300	54.016 ng	86
58) Fluorene	15.85	166	516834	44.456 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	153440	50.376 ng	97
60) Diethylphthalate	15.60	149	553539	41.780 ng	99
61) 4-Chlorophenyl-phenylether	15.83	204	274515	41.702 ng	96
62) 4-Nitroaniline	15.87	138	120910	45.260 ng	95
63) Azobenzene	16.12	77	499556	38.578 ng	98
65) 4,6-Dinitro-2-methylphenol	15.91	198	43362	33.073 ng	96
66) n-Nitrosodiphenylamine	16.05	169	476303	40.640 ng	98
67) 4-Bromophenyl-phenylether	16.73	248	182402	42.656 ng	91
68) Hexachlorobenzene	16.83	284	184630	43.035 ng	96
69) Atrazine	16.99	200	192997	45.061 ng	98
70) Pentachlorophenol	17.18	266	159303	53.426 ng	97
71) Phenanthrene	17.59	178	872471	43.734 ng	98
72) Anthracene	17.68	178	880743	44.821 ng	98
73) Carbazole	17.95	167	785571	40.058 ng	99
74) Di-n-butylphthalate	18.49	149	956538	41.809 ng	99
75) Fluoranthene	19.59	202	1059425	45.753 ng	99
77) Benzidine	19.77	184	56404	4.283 ng	99
78) Pyrene	19.95	202	1064363	42.563 ng	98
80) Butylbenzylphthalate	20.82	149	456383	43.265 ng	97
81) Benzo(a)anthracene	21.82	228	1063168	44.792 ng	100
82) 3,3'-Dichlorobenzidine	21.73	252	76644	8.708 ng	99
83) Chrysene	21.89	228	998877	44.208 ng	98
84) Bis(2-ethylhexyl)phthalate	21.69	149	636276	42.280 ng	99
85) Di-n-octyl phthalate	22.96	149	1088434	43.778 ng	96
86) Indeno(1,2,3-cd)pyrene	29.12	276	1218066	50.245 ng	97
88) Benzo(b)fluoranthene	24.14	252	1048420	45.386 ng	99
89) Benzo(k)fluoranthene	24.21	252	1032255	44.510 ng	99
90) Benzo(a)pyrene	25.06	252	1039144	46.710 ng	98
91) Dibenzo(a,h)anthracene	29.19	278	967682	46.447 ng	98
92) Benzo(g,h,i)perylene	30.34	276	979313	47.159 ng	99

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

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