Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022819\
Data File : BG039679.D
Acq On : 1 Mar 2019 4:15
Operator : JU/SJ
Sample : K1340-02MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BU-03-022719MS

Manual Integrations APPROVED
Sohil
3/1/2019 4:23:31 PM

Quant Time: Mar 01 07:07:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 06:15:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	55180	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	232197	20.00	ng		0.00
39) Acenaphthene-d10	14.79	164	150433	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	360196	20.00	ng		0.00
76) Chrysene-d12	21.83	240	361989	20.00	ng		0.00
87) Perylene-d12	25.20	264	375934	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	451689	140.10	ng		0.00
7) Phenol-d6	7.32	99	581486	122.53	ng		0.00
23) Nitrobenzene-d5	9.34	82	411958	110.84	ng		0.00
42) 2,4,6-Tribromophenol	16.28	330	253347	156.40	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	926980	88.40	ng		0.00
79) Terphenyl-d14	20.12	244	1472300	86.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	53822	38.164	ng	#	24
3) Pyridine	4.02	79	125157	33.519	ng		93
4) n-Nitrosodimethylamine	3.93	42	79810	42.740	ng		87
6) Aniline	7.49	93	69943	11.766	ng		97
8) 2-Chlorophenol	7.73	128	168544	47.825	ng		96
9) Benzaldehyde	7.31	77	123300	59.977	ng		99
10) Phenol	7.34	94	191967	38.804	ng		99
11) bis(2-Chloroethyl)ether	7.58	93	167916	42.955	ng		98
12) 1,3-Dichlorobenzene	8.05	146	179965	42.153	ng		99
13) 1,4-Dichlorobenzene	8.20	146	183111	43.031	ng		99
14) 1,2-Dichlorobenzene	8.52	146	177267	43.032	ng		98
15) Benzyl Alcohol	8.40	79	164494	44.150	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.69	45	323709	36.670	ng		97
17) 2-Methylphenol	8.60	107	145802	45.544	ng		98
18) Hexachloroethane	9.25	117	65437	44.698	ng		96
19) n-Nitroso-di-n-propylamine	8.97	70	137274	40.754	ng		91
20) 3+4-Methylphenols	8.93	107	196403	44.551	ng		98
22) Acetophenone	9.00	105	262416	42.073	ng	#	95
24) Nitrobenzene	9.38	77	208759	51.989	ng		97
25) Isophorone	9.90	82	390371	47.395	ng		98
26) 2-Nitrophenol	10.10	139	101678	59.832	ng		97
27) 2,4-Dimethylphenol	10.14	122	173217	51.988	ng		96
28) bis(2-Chloroethoxy)methane	10.38	93	234383	46.200	ng		96
29) 2,4-Dichlorophenol	10.62	162	186326	51.168	ng		93
30) 1,2,4-Trichlorobenzene	10.84	180	190588	46.618	ng		98
31) Naphthalene	11.04	128	540739	46.943	ng		99
32) Benzoic acid	10.22	122	3216m	10.218	ng		
33) 4-Chloroaniline	11.15	127	14618	2.737	ng	#	95
34) Hexachlorobutadiene	11.30	225	121896	44.834	ng		97
35) Caprolactam	11.93	113	47425	31.472	ng	#	83
36) 4-Chloro-3-methylphenol	12.25	107	195464	46.413	ng		96
37) 2-Methylnaphthalene	12.63	142	404428	47.403	ng		95
38) 1-Methylnaphthalene	12.85	142	382987	46.569	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	220949	46.162	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	258263	99.022	ng		99
43) 2,4,6-Trichlorophenol	13.23	196	154134	52.375	ng		98
44) 2,4,5-Trichlorophenol	13.30	196	166992	54.141	ng		99
46) 1,1'-Biphenyl	13.63	154	537071	42.909	ng		99
47) 2-Chloronaphthalene	13.67	162	419030	44.503	ng		97
48) 2-Nitroaniline	13.88	65	145300	52.731	ng		93
49) Acenaphthylene	14.52	152	680565	47.901	ng		99
50) Dimethylphthalate	14.24	163	555422	45.715	ng		100
51) 2,6-Dinitrotoluene	14.37	165	126487	54.651	ng		97
52) Acenaphthene	14.85	154	408266	44.269	ng		97
53) 3-Nitroaniline	14.70	138	23840	14.349	ng	#	82
54) 2,4-Dinitrophenol	14.90	184	21899	31.517	ng		92
55) Dibenzofuran	15.19	168	664884	44.965	ng		99
56) 4-Nitrophenol	15.00	139	144899	66.977	ng		88
57) 2,4-Dinitrotoluene	15.15	165	175986	58.466	ng	#	84
58) Fluorene	15.84	166	529404	48.028	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.41	232	152779	52.902	ng		95
60) Diethylphthalate	15.59	149	557922	44.414	ng		97
61) 4-Chlorophenyl-phenylether	15.82	204	282160	45.207	ng		95
62) 4-Nitroaniline	15.86	138	127558	49.886	ng		96
63) Azobenzene	16.11	77	502923	40.962	ng		98
65) 4,6-Dinitro-2-methylphenol	15.91	198	31459	27.548	ng		99
66) n-Nitrosodiphenylamine	16.03	169	481731	43.984	ng		99
67) 4-Bromophenyl-phenylether	16.72	248	183243	45.857	ng		94
68) Hexachlorobenzene	16.83	284	187743	46.829	ng		95
69) Atrazine	16.97	200	176031	43.981	ng		97
70) Pentachlorophenol	17.17	266	109356	39.246	ng		98
71) Phenanthrene	17.58	178	877791	47.085	ng		99
72) Anthracene	17.67	178	890528	48.496	ng		98
73) Carbazole	17.94	167	782087	42.676	ng		98
74) Di-n-butylphthalate	18.47	149	962741	45.030	ng		99
75) Fluoranthene	19.58	202	1050547	48.550	ng		99
77) Benzidine	19.75	184	75811	6.388	ng		98
78) Pyrene	19.94	202	1064054	47.218	ng		99
80) Butylbenzylphthalate	20.80	149	460097	48.401	ng		96
81) Benzo(a)anthracene	21.80	228	1051994	49.182	ng		98
82) 3,3'-Dichlorobenzidine	21.72	252	96255	12.136	ng		99
83) Chrysene	21.87	228	974063	47.838	ng		98
84) Bis(2-ethylhexyl)phthalate	21.67	149	639676	47.168	ng		97
85) Di-n-octyl phthalate	22.93	149	1082313	48.306	ng		96
86) Indeno(1,2,3-cd)pyrene	29.08	276	1182973	54.150	ng	#	96
88) Benzo(b)fluoranthene	24.12	252	1019184	49.712	ng		99
89) Benzo(k)fluoranthene	24.19	252	1012287	49.180	ng		99
90) Benzo(a)pyrene	25.05	252	1005807	50.940	ng		99
91) Dibenzo(a,h)anthracene	29.16	278	960815	51.961	ng		99
92) Benzo(g,h,i)perylene	30.32	276	966249	52.427	ng		99

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

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