Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
Data File : BG039439.D
Acq On : 11 Feb 2019 18:12
Operator : JU/SJ
Sample : K1453-15MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
M-9-DMS

Manual Integrations APPROVED
Sohil
2/12/2019 12:07:39 PM

Quant Time: Feb 12 03:18:35 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	8.17	152	57098	20.00	ng		-0.01
21) Naphthalene-d8	11.00	136	270006	20.00	ng		-0.01
39) Acenaphthene-d10	14.79	164	182580	20.00	ng		-0.02
64) Phenanthrene-d10	17.54	188	420638	20.00	ng		-0.01
76) Chrysene-d12	21.83	240	416410	20.00	ng		-0.02
87) Perylene-d12	25.21	264	436361	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	517206	155.03	ng		0.00
7) Phenol-d6	7.31	99	768436	156.48	ng		0.00
23) Nitrobenzene-d5	9.35	82	435799	100.83	ng		-0.01
42) 2,4,6-Tribromophenol	16.28	330	301165	153.18	ng		0.00
45) 2-Fluorobiphenyl	13.42	172	994863	78.17	ng		-0.01
79) Terphenyl-d14	20.13	244	1463276	74.38	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	50645	34.705	ng		95
3) Pyridine	4.00	79	148122	38.337	ng		93
4) n-Nitrosodimethylamine	3.92	42	85901	44.456	ng	#	81
6) Aniline	7.50	93	259214	42.142	ng		96
8) 2-Chlorophenol	7.73	128	194159	53.243	ng		94
9) Benzaldehyde	7.31	77	83112	31.976	ng		98
10) Phenol	7.34	94	282713	55.228	ng		96
11) bis(2-Chloroethyl)ether	7.59	93	182805	45.193	ng		97
12) 1,3-Dichlorobenzene	8.05	146	187319	42.402	ng		96
13) 1,4-Dichlorobenzene	8.21	146	192702	43.764	ng		98
14) 1,2-Dichlorobenzene	8.52	146	189151	44.374	ng		98
15) Benzyl Alcohol	8.41	79	191296	49.619	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.69	45	349848	38.300	ng		98
17) 2-Methylphenol	8.60	107	177324	53.529	ng		94
18) Hexachloroethane	9.26	117	68100	44.954	ng		97
19) n-Nitroso-di-n-propylamine	8.98	70	154232	44.251	ng		94
20) 3+4-Methylphenols	8.93	107	246410	54.017	ng		98
22) Acetophenone	9.00	105	296175	40.836	ng		94
24) Nitrobenzene	9.39	77	228429	48.922	ng		96
25) Isophorone	9.91	82	455026	47.509	ng		97
26) 2-Nitrophenol	10.10	139	113287	57.994	ng		94
27) 2,4-Dimethylphenol	10.14	122	207707	53.610	ng		96
28) bis(2-Chloroethoxy)methane	10.39	93	269012	45.601	ng		97
29) 2,4-Dichlorophenol	10.63	162	221055	52.204	ng		95
30) 1,2,4-Trichlorobenzene	10.85	180	215341	45.297	ng		99
31) Naphthalene	11.04	128	622091	46.443	ng		98
32) Benzoic acid	10.25	122	64677m	29.723	ng		
33) 4-Chloroaniline	11.15	127	163062	26.255	ng		97
34) Hexachlorobutadiene	11.31	225	133238	42.143	ng		95
35) Caprolactam	11.94	113	76653m	43.746	ng		
36) 4-Chloro-3-methylphenol	12.25	107	239195	48.844	ng		95
37) 2-Methylnaphthalene	12.64	142	469516	47.326	ng		98
38) 1-Methylnaphthalene	12.85	142	449319	46.984	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	260814	44.897	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	320237	101.165	ng		99
43) 2,4,6-Trichlorophenol	13.23	196	186179	52.125	ng		98
44) 2,4,5-Trichlorophenol	13.30	196	198061	52.908	ng		97
46) 1,1'-Biphenyl	13.64	154	639073	42.069	ng		98
47) 2-Chloronaphthalene	13.68	162	497794	43.559	ng		98
48) 2-Nitroaniline	13.89	65	169206	50.930	ng		97
49) Acenaphthylene	14.52	152	791766	45.916	ng		98
50) Dimethylphthalate	14.25	163	737110	49.988	ng		100
51) 2,6-Dinitrotoluene	14.38	165	146963	52.598	ng		93
52) Acenaphthene	14.86	154	483857	43.227	ng		98
53) 3-Nitroaniline	14.70	138	112639	39.100	ng	#	90
54) 2,4-Dinitrophenol	14.91	184	138015	100.567	ng		93
55) Dibenzofuran	15.19	168	779677	43.444	ng		98
56) 4-Nitrophenol	14.99	139	258498	95.726	ng		93
57) 2,4-Dinitrotoluene	15.16	165	205757	56.608	ng		85
58) Fluorene	15.84	166	612576	45.788	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	196066	55.937	ng		97
60) Diethylphthalate	15.60	149	653547	42.866	ng		98
61) 4-Chlorophenyl-phenylether	15.83	204	331595	43.773	ng		94
62) 4-Nitroaniline	15.87	138	155993	50.233	ng		90
63) Azobenzene	16.12	77	582795	39.109	ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	113796	61.706	ng		98
66) n-Nitrosodiphenylamine	16.04	169	565943	44.248	ng		98
67) 4-Bromophenyl-phenylether	16.72	248	214507	45.967	ng		96
68) Hexachlorobenzene	16.83	284	220520	47.100	ng		96
69) Atrazine	16.98	200	221902	47.475	ng		98
70) Pentachlorophenol	17.18	266	297802	91.518	ng		99
71) Phenanthrene	17.58	178	986919	45.332	ng		98
72) Anthracene	17.68	178	997721	46.526	ng		98
73) Carbazole	17.94	167	895737	41.854	ng		98
74) Di-n-butylphthalate	18.48	149	1048499	41.995	ng		99
75) Fluoranthene	19.58	202	1148985	45.470	ng		99
77) Benzidine	19.76	184	677478	49.624	ng		99
78) Pyrene	19.94	202	1146217	44.217	ng		98
80) Butylbenzylphthalate	20.81	149	500812	45.798	ng		95
81) Benzo(a)anthracene	21.81	228	1130351	45.939	ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	302343	33.139	ng		99
83) Chrysene	21.88	228	1055500	45.063	ng		99
84) Bis(2-ethylhexyl)phthalate	21.68	149	694687	44.530	ng		99
85) Di-n-octyl phthalate	22.95	149	1191771	46.240	ng		96
86) Indeno(1,2,3-cd)pyrene	29.10	276	1311611	52.192	ng		97
88) Benzo(b)fluoranthene	24.13	252	1110534	46.667	ng		99
89) Benzo(k)fluoranthene	24.20	252	1094940	45.829	ng		99
90) Benzo(a)pyrene	25.05	252	1101185	48.048	ng		99
91) Dibenzo(a,h)anthracene	29.18	278	1055956	49.199	ng		99
92) Benzo(g,h,i)perylene	30.34	276	1080020	50.485	ng		98

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

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