Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
Data File : BG039466.D
Acq On : 12 Feb 2019 16:32
Operator : JU/SJ
Sample : K1462-15MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2-DMS

Manual Integrations APPROVED
Sohil
2/13/2019 9:56:50 AM

Quant Time: Feb 12 18:12:11 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	56346	20.00	ng		-0.01
21) Naphthalene-d8	11.00	136	276839	20.00	ng		-0.01
39) Acenaphthene-d10	14.80	164	200948	20.00	ng		-0.01
64) Phenanthrene-d10	17.54	188	452522	20.00	ng		-0.01
76) Chrysene-d12	21.83	240	374191	20.00	ng		-0.01
87) Perylene-d12	25.21	264	390124	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	538550	163.58	ng		0.00
7) Phenol-d6	7.31	99	819135	169.03	ng		0.00
23) Nitrobenzene-d5	9.35	82	483944	109.21	ng		-0.01
42) 2,4,6-Tribromophenol	16.28	330	335187	154.90	ng		0.00
45) 2-Fluorobiphenyl	13.42	172	1196746	85.43	ng		-0.01
79) Terphenyl-d14	20.13	244	1511337	85.49	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	45936	31.898	ng		98
3) Pyridine	4.00	79	141830	37.199	ng		95
4) n-Nitrosodimethylamine	3.92	42	85469	44.823	ng		92
6) Aniline	7.50	93	183189	30.179	ng		98
8) 2-Chlorophenol	7.73	128	203714	56.608	ng		98
9) Benzaldehyde	7.31	77	83059	32.511	ng		98
10) Phenol	7.34	94	298999	59.189	ng		98
11) bis(2-Chloroethyl)ether	7.59	93	188019	47.103	ng		98
12) 1,3-Dichlorobenzene	8.06	146	188182	43.166	ng		97
13) 1,4-Dichlorobenzene	8.21	146	195272	44.940	ng		98
14) 1,2-Dichlorobenzene	8.53	146	195199	46.404	ng		97
15) Benzyl Alcohol	8.41	79	209985	55.194	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	376495	41.767	ng		98
17) 2-Methylphenol	8.60	107	190199	58.182	ng		98
18) Hexachloroethane	9.26	117	66227	44.301	ng		96
19) n-Nitroso-di-n-propylamine	8.98	70	173601	50.473	ng		92
20) 3+4-Methylphenols	8.93	107	273053	60.656	ng		96
22) Acetophenone	9.00	105	321904	43.288	ng	#	94
24) Nitrobenzene	9.39	77	249129	52.038	ng		94
25) Isophorone	9.91	82	512850	52.225	ng		98
26) 2-Nitrophenol	10.10	139	124147	60.879	ng		99
27) 2,4-Dimethylphenol	10.14	122	227240	57.204	ng		98
28) bis(2-Chloroethoxy)methane	10.39	93	300285	49.645	ng		96
29) 2,4-Dichlorophenol	10.63	162	249760	57.527	ng		95
30) 1,2,4-Trichlorobenzene	10.85	180	227149	46.601	ng		100
31) Naphthalene	11.05	128	666289	48.515	ng		98
32) Benzoic acid	10.21	122	9177m	11.886	ng		
33) 4-Chloroaniline	11.15	127	126820	19.915	ng		97
34) Hexachlorobutadiene	11.31	225	138405	42.697	ng		95
35) Caprolactam	11.94	113	85724m	47.715	ng		
36) 4-Chloro-3-methylphenol	12.25	107	276810	55.130	ng		100
37) 2-Methylnaphthalene	12.64	142	527178	51.826	ng		99
38) 1-Methylnaphthalene	12.86	142	510416	52.055	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	293245	45.866	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	302689	86.881 ng		97
43) 2,4,6-Trichlorophenol	13.23	196	211259	53.740 ng		97
44) 2,4,5-Trichlorophenol	13.30	196	224955	54.599 ng		98
46) 1,1'-Biphenyl	13.63	154	726028	43.424 ng		98
47) 2-Chloronaphthalene	13.68	162	561654	44.655 ng		98
48) 2-Nitroaniline	13.89	65	199591	53.990 ng		93
49) Acenaphthylene	14.53	152	906212	47.749 ng		99
50) Dimethylphthalate	14.24	163	842649	51.921 ng		99
51) 2,6-Dinitrotoluene	14.37	165	171846	55.472 ng		98
52) Acenaphthene	14.86	154	556459	45.169 ng		99
53) 3-Nitroaniline	14.71	138	100698	32.847 ng	#	89
54) 2,4-Dinitrophenol	14.91	184	110570	81.608 ng		97
55) Dibenzofuran	15.20	168	892140	45.167 ng		98
56) 4-Nitrophenol	15.00	139	267569	90.373 ng		92
57) 2,4-Dinitrotoluene	15.16	165	231854	57.771 ng	#	90
58) Fluorene	15.84	166	700543	47.577 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	222226	57.605 ng		98
60) Diethylphthalate	15.60	149	752272	44.831 ng		96
61) 4-Chlorophenyl-phenylether	15.82	204	376668	45.178 ng		98
62) 4-Nitroaniline	15.87	138	164902	48.414 ng		91
63) Azobenzene	16.12	77	682418	41.609 ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	121474	61.375 ng		98
66) n-Nitrosodiphenylamine	16.05	169	649785	47.224 ng		99
67) 4-Bromophenyl-phenylether	16.72	248	247689	49.338 ng		94
68) Hexachlorobenzene	16.84	284	249397	49.515 ng		94
69) Atrazine	16.98	200	241805	48.088 ng		97
70) Pentachlorophenol	17.18	266	292961	83.687 ng		99
71) Phenanthrene	17.59	178	1087445	46.430 ng		99
72) Anthracene	17.68	178	1097006	47.551 ng		97
73) Carbazole	17.95	167	920272	39.971 ng		98
74) Di-n-butylphthalate	18.48	149	1089082	40.547 ng		99
75) Fluoranthene	19.58	202	1130769	41.596 ng		99
77) Benzidine	19.76	184	348564	28.412 ng		99
78) Pyrene	19.94	202	1109783	47.642 ng		98
80) Butylbenzylphthalate	20.81	149	464206	47.240 ng		98
81) Benzo(a)anthracene	21.81	228	1073800	48.565 ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	199605	24.346 ng		98
83) Chrysene	21.88	228	1014342	48.192 ng		99
84) Bis(2-ethylhexyl)phthalate	21.68	149	656436	46.825 ng		100
85) Di-n-octyl phthalate	22.94	149	1128518	48.726 ng		97
86) Indeno(1,2,3-cd)pyrene	29.11	276	1245526	55.154 ng		98
88) Benzo(b)fluoranthene	24.13	252	1080834	50.801 ng		99
89) Benzo(k)fluoranthene	24.20	252	1031817	48.305 ng		99
90) Benzo(a)pyrene	25.06	252	1050425	51.265 ng		98
91) Dibenzo(a,h)anthracene	29.18	278	1006772	52.466 ng		98
92) Benzo(g,h,i)perylene	30.33	276	1022849	53.479 ng		97

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

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