Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012919\
Data File : BG039314.D
Acq On : 29 Jan 2019 12:14
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Quant Time: Jan 29 12:50:19 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 12:14:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	45906	20.00	ng		0.00
21) Naphthalene-d8	11.01	136	191799	20.00	ng		0.00
39) Acenaphthene-d10	14.81	164	128116	20.00	ng		0.00
64) Phenanthrene-d10	17.56	188	301348	20.00	ng		0.00
76) Chrysene-d12	21.85	240	291305	20.00	ng		0.00
87) Perylene-d12	25.25	264	296772	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	268535	110.97	ng		0.00
7) Phenol-d6	7.32	99	396906	113.97	ng		0.00
23) Nitrobenzene-d5	9.36	82	333845	95.24	ng		0.00
42) 2,4,6-Tribromophenol	16.29	330	143288	66.72	ng		0.00
45) 2-Fluorobiphenyl	13.44	172	868012	92.72	ng		0.00
79) Terphenyl-d14	20.15	244	1329926	84.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	59130	62.396	ng		98
3) Pyridine	4.02	79	165955	64.448	ng		96
4) n-Nitrosodimethylamine	3.94	42	80940	69.853	ng		98
6) Aniline	7.51	93	248861	59.500	ng		99
8) 2-Chlorophenol	7.74	128	144649	50.707	ng		98
9) Benzaldehyde	7.33	77	89546	44.585	ng		97
10) Phenol	7.35	94	205894	58.968	ng		98
11) bis(2-Chloroethyl)ether	7.60	93	163320	61.201	ng		98
12) 1,3-Dichlorobenzene	8.07	146	174210	50.972	ng		96
13) 1,4-Dichlorobenzene	8.22	146	172813	49.925	ng		98
14) 1,2-Dichlorobenzene	8.54	146	168459	51.043	ng		98
15) Benzyl Alcohol	8.42	79	158027	60.254	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.71	45	357790	69.921	ng		98
17) 2-Methylphenol	8.61	107	133377	55.013	ng		98
18) Hexachloroethane	9.27	117	60298	51.276	ng		98
19) n-Nitroso-di-n-propylamine	9.00	70	140488	61.430	ng		97
20) 3+4-Methylphenols	8.94	107	185465	53.654	ng		98
22) Acetophenone	9.02	105	263019	52.511	ng	#	98
24) Nitrobenzene	9.41	77	179009	50.526	ng		99
25) Isophorone	9.93	82	347640	57.578	ng		99
26) 2-Nitrophenol	10.11	139	67442	35.193	ng		95
27) 2,4-Dimethylphenol	10.15	122	145096	53.818	ng		96
28) bis(2-Chloroethoxy)methane	10.41	93	217818	60.026	ng		98
29) 2,4-Dichlorophenol	10.64	162	160472	47.911	ng		94
30) 1,2,4-Trichlorobenzene	10.87	180	173791	43.185	ng		97
31) Naphthalene	11.06	128	479705	49.868	ng		100
32) Benzoic acid	10.28	122	88193	61.754	ng		95
33) 4-Chloroaniline	11.17	127	226371	52.591	ng		98
34) Hexachlorobutadiene	11.32	225	114463	41.336	ng		92
35) Caprolactam	11.97	113	67551	50.295	ng		96
36) 4-Chloro-3-methylphenol	12.26	107	183148	51.125	ng		99
37) 2-Methylnaphthalene	12.65	142	355259	49.258	ng		97
38) 1-Methylnaphthalene	12.87	142	342954	49.542	ng		98
40) 1,2,4,5-Tetrachlorobenzene	13.01	216	208456	43.325	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.98	237	117096	49.500	ng		99
43) 2,4,6-Trichlorophenol	13.24	196	132593	43.785	ng		98
44) 2,4,5-Trichlorophenol	13.31	196	140242	43.818	ng		95
46) 1,1'-Biphenyl	13.65	154	525520	51.767	ng		100
47) 2-Chloronaphthalene	13.70	162	396662	48.285	ng		99
48) 2-Nitroaniline	13.90	65	115318	50.107	ng		95
49) Acenaphthylene	14.54	152	598813	48.496	ng		99
50) Dimethylphthalate	14.26	163	513822	47.460	ng		99
51) 2,6-Dinitrotoluene	14.38	165	96912	40.038	ng		94
52) Acenaphthene	14.88	154	399862	53.899	ng		98
53) 3-Nitroaniline	14.72	138	106284	43.285	ng		97
54) 2,4-Dinitrophenol	14.92	184	34872	27.876	ng		89
55) Dibenzofuran	15.21	168	623608	47.595	ng		98
56) 4-Nitrophenol	15.00	139	89184	50.479	ng		97
57) 2,4-Dinitrotoluene	15.17	165	121721	35.051	ng	#	95
58) Fluorene	15.85	166	455159	46.151	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.42	232	131186	43.421	ng		100
60) Diethylphthalate	15.61	149	525980	47.154	ng		99
61) 4-Chlorophenyl-phenylether	15.84	204	261882	42.148	ng		98
62) 4-Nitroaniline	15.88	138	110436	43.174	ng		97
63) Azobenzene	16.13	77	518780	59.472	ng		98
65) 4,6-Dinitro-2-methylphenol	15.92	198	62143	27.835	ng		94
66) n-Nitrosodiphenylamine	16.06	169	459550	51.442	ng		99
67) 4-Bromophenyl-phenylether	16.74	248	168093	43.393	ng		97
68) Hexachlorobenzene	16.85	284	169905	40.196	ng		96
69) Atrazine	17.00	200	163093	42.975	ng		97
70) Pentachlorophenol	17.19	266	124216	54.927	ng		98
71) Phenanthrene	17.60	178	766661	48.132	ng		99
72) Anthracene	17.69	178	757772	48.116	ng		99
73) Carbazole	17.96	167	741427	47.690	ng		100
74) Di-n-butylphthalate	18.50	149	877463	50.734	ng		99
75) Fluoranthene	19.59	202	876927	44.410	ng		99
77) Benzidine	19.78	184	404555	45.405	ng		100
78) Pyrene	19.96	202	907016	48.858	ng		99
80) Butylbenzylphthalate	20.83	149	396726	56.187	ng		99
81) Benzo(a)anthracene	21.83	228	852663	48.083	ng		99
82) 3,3'-Dichlorobenzidine	21.74	252	314906	43.584	ng		97
83) Chrysene	21.90	228	815352	48.343	ng		99
84) Bis(2-ethylhexyl)phthalate	21.72	149	551153	56.217	ng		99
85) Di-n-octyl phthalate	22.99	149	923672	55.718	ng		99
86) Indeno(1,2,3-cd)pyrene	29.16	276	897731	44.546	ng		100
88) Benzo(b)fluoranthene	24.16	252	809347	49.459	ng		99
89) Benzo(k)fluoranthene	24.24	252	814553	50.345	ng		99
90) Benzo(a)pyrene	25.09	252	784957	49.627	ng		99
91) Dibenzo(a,h)anthracene	29.24	278	734734	46.701	ng		99
92) Benzo(g,h,i)perylene	30.39	276	744892	47.825	ng		98

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

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