Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
Data File : BG039611.D
Acq On : 26 Feb 2019 21:59
Operator : JU/SJ
Sample : K1594-31MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 27 03:32:45 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

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MS

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	57770	20.00	ng		-0.01
21) Naphthalene-d8	10.99	136	239637	20.00	ng		-0.02
39) Acenaphthene-d10	14.79	164	162969	20.00	ng		-0.02
64) Phenanthrene-d10	17.54	188	399912	20.00	ng		-0.02
76) Chrysene-d12	21.83	240	388668	20.00	ng		-0.02
87) Perylene-d12	25.20	264	405509	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	551263	163.32	ng		0.00
7) Phenol-d6	7.32	99	806178	162.26	ng		0.00
23) Nitrobenzene-d5	9.35	82	469043	122.28	ng		-0.02
42) 2,4,6-Tribromophenol	16.28	330	320554	182.66	ng		0.00
45) 2-Fluorobiphenyl	13.42	172	1069279	94.12	ng		-0.02
79) Terphenyl-d14	20.13	244	1559020	84.90	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	61451	41.620	ng		95
3) Pyridine	4.01	79	175195	44.817	ng		99
4) n-Nitrosodimethylamine	3.92	42	97445	49.844	ng		90
6) Aniline	7.50	93	264974	42.577	ng		99
8) 2-Chlorophenol	7.73	128	196572	53.277	ng		98
9) Benzaldehyde	7.31	77	88256	34.086	ng		98
10) Phenol	7.35	94	284002	54.835	ng		96
11) bis(2-Chloroethyl)ether	7.58	93	196807	48.089	ng		96
12) 1,3-Dichlorobenzene	8.05	146	212608	47.567	ng		97
13) 1,4-Dichlorobenzene	8.21	146	214215	48.084	ng		98
14) 1,2-Dichlorobenzene	8.52	146	205907	47.743	ng		100
15) Benzyl Alcohol	8.41	79	194121	49.766	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.68	45	376883	40.779	ng		99
17) 2-Methylphenol	8.60	107	180597	53.883	ng		98
18) Hexachloroethane	9.25	117	75391	49.188	ng		97
19) n-Nitroso-di-n-propylamine	8.97	70	160427	45.493	ng		95
20) 3+4-Methylphenols	8.93	107	247182	53.556	ng		98
22) Acetophenone	9.00	105	308328	47.899	ng	#	96
24) Nitrobenzene	9.39	77	239231	57.728	ng		98
25) Isophorone	9.90	82	465203	54.727	ng		98
26) 2-Nitrophenol	10.10	139	119739	65.843	ng		96
27) 2,4-Dimethylphenol	10.14	122	202536	58.900	ng		93
28) bis(2-Chloroethoxy)methane	10.39	93	276897	52.886	ng		97
29) 2,4-Dichlorophenol	10.63	162	222685	59.254	ng		95
30) 1,2,4-Trichlorobenzene	10.84	180	223296	52.922	ng		99
31) Naphthalene	11.04	128	639066	53.756	ng		99
32) Benzoic acid	10.21	122	7014	11.551	ng		89
33) 4-Chloroaniline	11.15	127	186926	33.911	ng		98
34) Hexachlorobutadiene	11.30	225	142120	50.649	ng		91
35) Caprolactam	11.94	113	77038m	49.537	ng		
36) 4-Chloro-3-methylphenol	12.25	107	242005	55.680	ng		96
37) 2-Methylnaphthalene	12.63	142	484125	54.982	ng		97
38) 1-Methylnaphthalene	12.85	142	454610	53.561	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	268450	51.772	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	329025	116.449	ng		100
43) 2,4,6-Trichlorophenol	13.23	196	187053	58.672	ng		98
44) 2,4,5-Trichlorophenol	13.30	196	202450	60.588	ng		98
46) 1,1'-Biphenyl	13.63	154	642880	47.412	ng		99
47) 2-Chloronaphthalene	13.68	162	499045	48.924	ng		98
48) 2-Nitroaniline	13.89	65	177966	58.534	ng		93
49) Acenaphthylene	14.52	152	808631	52.537	ng		99
50) Dimethylphthalate	14.24	163	728754	55.368	ng		99
51) 2,6-Dinitrotoluene	14.37	165	154378	60.741	ng		98
52) Acenaphthene	14.86	154	494269	49.471	ng		99
53) 3-Nitroaniline	14.70	138	117828	44.827	ng	#	93
54) 2,4-Dinitrophenol	14.90	184	112640	94.878	ng		99
55) Dibenzofuran	15.19	168	803730	50.174	ng		99
56) 4-Nitrophenol	15.00	139	265594	109.314	ng		90
57) 2,4-Dinitrotoluene	15.16	165	217460	65.587	ng		90
58) Fluorene	15.84	166	633403	53.042	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.41	232	202449	64.709	ng		98
60) Diethylphthalate	15.59	149	678043	49.825	ng		98
61) 4-Chlorophenyl-phenylether	15.82	204	336484	49.764	ng		99
62) 4-Nitroaniline	15.87	138	168600	59.940	ng		94
63) Azobenzene	16.11	77	609568	45.829	ng		99
65) 4,6-Dinitro-2-methylphenol	15.91	198	122331	67.161	ng		91
66) n-Nitrosodiphenylamine	16.04	169	591040	48.605	ng		99
67) 4-Bromophenyl-phenylether	16.72	248	226040	50.949	ng		94
68) Hexachlorobenzene	16.83	284	231785	52.072	ng		95
69) Atrazine	16.98	200	220352	49.587	ng		99
70) Pentachlorophenol	17.18	266	307526	99.405	ng		99
71) Phenanthrene	17.58	178	1065893	51.497	ng		99
72) Anthracene	17.67	178	1075996	52.776	ng		96
73) Carbazole	17.94	167	958601	47.113	ng		99
74) Di-n-butylphthalate	18.47	149	1146609	48.304	ng		98
75) Fluoranthene	19.58	202	1243421	51.757	ng		99
77) Benzidine	19.76	184	685932	53.829	ng		98
78) Pyrene	19.94	202	1230528	50.857	ng		98
80) Butylbenzylphthalate	20.81	149	535980	52.513	ng		95
81) Benzo(a)anthracene	21.81	228	1232729	53.676	ng		98
82) 3,3'-Dichlorobenzidine	21.72	252	321856	37.796	ng		100
83) Chrysene	21.88	228	1141506	52.213	ng		98
84) Bis(2-ethylhexyl)phthalate	21.67	149	748845	51.427	ng		98
85) Di-n-octyl phthalate	22.93	149	1269307	52.764	ng		96
86) Indeno(1,2,3-cd)pyrene	29.09	276	1402473	59.791	ng	#	95
88) Benzo(b)fluoranthene	24.12	252	1215638	54.970	ng		99
89) Benzo(k)fluoranthene	24.20	252	1170667	52.726	ng		99
90) Benzo(a)pyrene	25.04	252	1184170	55.600	ng		99
91) Dibenzo(a,h)anthracene	29.16	278	1134664	56.888	ng		99
92) Benzo(g,h,i)perylene	30.32	276	1161072	58.403	ng		97

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

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