Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021519\
Data File : BG039528.D
Acq On : 15 Feb 2019 19:25
Operator : JU/SJ
Sample : K1346-08MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-01-021419-AMSD

Quant Time: Feb 16 03:19:59 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	54065	20.00	ng		-0.01
21) Naphthalene-d8	11.00	136	241089	20.00	ng		-0.01
39) Acenaphthene-d10	14.80	164	168087	20.00	ng		-0.01
64) Phenanthrene-d10	17.54	188	389841	20.00	ng		-0.01
76) Chrysene-d12	21.83	240	393950	20.00	ng		-0.01
87) Perylene-d12	25.22	264	403097	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	455364	144.15	ng		0.00
7) Phenol-d6	7.32	99	618075	132.92	ng		0.00
23) Nitrobenzene-d5	9.35	82	436490	113.10	ng		-0.01
42) 2,4,6-Tribromophenol	16.28	330	284702	157.29	ng		0.00
45) 2-Fluorobiphenyl	13.42	172	1047372	89.39	ng		-0.01
79) Terphenyl-d14	20.13	244	1584069	85.11	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	50297	36.400	ng	#	31
3) Pyridine	4.02	79	129423	35.377	ng		96
4) n-Nitrosodimethylamine	3.93	42	81264	44.416	ng	#	93
6) Aniline	7.50	93	76577	13.148	ng		98
8) 2-Chlorophenol	7.74	128	182305	52.796	ng		95
9) Benzaldehyde	7.31	77	151380	Below Cal			95
10) Phenol	7.35	94	215402	44.439	ng		97
11) bis(2-Chloroethyl)ether	7.59	93	173180	45.216	ng		97
12) 1,3-Dichlorobenzene	8.06	146	182449	43.617	ng		98
13) 1,4-Dichlorobenzene	8.21	146	187151	44.888	ng		100
14) 1,2-Dichlorobenzene	8.53	146	181483	44.964	ng		98
15) Benzyl Alcohol	8.41	79	181686	49.770	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.69	45	336219	38.872	ng		99
17) 2-Methylphenol	8.61	107	159960	50.997	ng		97
18) Hexachloroethane	9.26	117	65034	45.339	ng		99
19) n-Nitroso-di-n-propylamine	8.98	70	149382	45.264	ng	#	94
20) 3+4-Methylphenols	8.93	107	217377	50.326	ng		98
22) Acetophenone	9.00	105	280840	43.366	ng		95
24) Nitrobenzene	9.39	77	220705	52.937	ng		98
25) Isophorone	9.91	82	429716	50.248	ng		97
26) 2-Nitrophenol	10.10	139	109500	61.445	ng		98
27) 2,4-Dimethylphenol	10.14	122	196141	56.697	ng		96
28) bis(2-Chloroethoxy)methane	10.39	93	254356	48.288	ng		97
29) 2,4-Dichlorophenol	10.64	162	212165	56.114	ng		93
30) 1,2,4-Trichlorobenzene	10.85	180	200732	47.288	ng		99
31) Naphthalene	11.04	128	590677	49.387	ng		98
32) Benzoic acid	10.24	122	70494	34.291	ng		97
33) 4-Chloroaniline	11.16	127	12678	2.286	ng	#	89
34) Hexachlorobutadiene	11.31	225	127475	45.156	ng		94
35) Caprolactam	11.94	113	53401	34.131	ng		92
36) 4-Chloro-3-methylphenol	12.26	107	228180	52.183	ng		97
37) 2-Methylnaphthalene	12.64	142	447384	50.504	ng		98
38) 1-Methylnaphthalene	12.85	142	430137	50.373	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	245493	45.903	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	275877	94.666	ng		99
43) 2,4,6-Trichlorophenol	13.23	196	174070	52.937	ng		97
44) 2,4,5-Trichlorophenol	13.31	196	191956	55.698	ng		98
46) 1,1'-Biphenyl	13.63	154	602900	43.110	ng		99
47) 2-Chloronaphthalene	13.68	162	470908	44.760	ng		99
48) 2-Nitroaniline	13.89	65	166069	53.748	ng		96
49) Acenaphthylene	14.53	152	751288	47.325	ng		98
50) Dimethylphthalate	14.24	163	620156	45.682	ng		99
51) 2,6-Dinitrotoluene	14.37	165	140497	54.367	ng		92
52) Acenaphthene	14.86	154	461979	44.831	ng		98
53) 3-Nitroaniline	14.71	138	25299	13.919	ng	#	85
54) 2,4-Dinitrophenol	14.91	184	45236	49.690	ng		97
55) Dibenzofuran	15.19	168	740231	44.803	ng		98
56) 4-Nitrophenol	15.00	139	185321	75.827	ng	#	87
57) 2,4-Dinitrotoluene	15.16	165	198501	58.946	ng		88
58) Fluorene	15.84	166	586687	47.634	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.41	232	178543	55.330	ng		96
60) Diethylphthalate	15.60	149	618350	44.055	ng		97
61) 4-Chlorophenyl-phenylether	15.83	204	316957	45.448	ng		96
62) 4-Nitroaniline	15.87	138	142351	49.830	ng		97
63) Azobenzene	16.12	77	566215	41.273	ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	55286	39.082	ng		97
66) n-Nitrosodiphenylamine	16.04	169	534844	45.120	ng		99
67) 4-Bromophenyl-phenylether	16.72	248	206998	47.862	ng		95
68) Hexachlorobenzene	16.84	284	208351	48.017	ng		94
69) Atrazine	16.98	200	204308	47.164	ng		95
70) Pentachlorophenol	17.18	266	172736	57.278	ng		96
71) Phenanthrene	17.59	178	966427	47.897	ng		99
72) Anthracene	17.68	178	962055	48.407	ng		98
73) Carbazole	17.95	167	861311	43.425	ng		98
74) Di-n-butylphthalate	18.47	149	1028039	44.428	ng		98
75) Fluoranthene	19.58	202	1139556	48.659	ng		99
77) Benzidine	19.76	184	121895	9.438	ng		99
78) Pyrene	19.95	202	1153254	47.025	ng		99
80) Butylbenzylphthalate	20.81	149	493767	47.728	ng		96
81) Benzo(a)anthracene	21.81	228	1136048	48.803	ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	113189	13.114	ng		99
83) Chrysene	21.88	228	1053302	47.533	ng		98
84) Bis(2-ethylhexyl)phthalate	21.68	149	681922	46.204	ng		99
85) Di-n-octyl phthalate	22.94	149	1167671	47.888	ng		96
86) Indeno(1,2,3-cd)pyrene	29.11	276	1237065	52.032	ng	#	95
88) Benzo(b)fluoranthene	24.14	252	1142934	51.991	ng		99
89) Benzo(k)fluoranthene	24.21	252	1063515	48.187	ng		99
90) Benzo(a)pyrene	25.06	252	1092744	51.614	ng		99
91) Dibenzo(a,h)anthracene	29.18	278	999909	50.432	ng		99
92) Benzo(g,h,i)perylene	30.35	276	985695	49.878	ng		98

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

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