Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021819\
Data File : BG039547.D
Acq On : 18 Feb 2019 20:03
Operator : JU/SJ
Sample : K1508-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : M-12-SMS

Quant Time: Feb 19 00:45:05 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	52924	20.00	ng		-0.01
21) Naphthalene-d8	10.99	136	242043	20.00	ng		-0.02
39) Acenaphthene-d10	14.79	164	169100	20.00	ng		-0.02
64) Phenanthrene-d10	17.53	188	398893	20.00	ng		-0.02
76) Chrysene-d12	21.83	240	398176	20.00	ng		-0.02
87) Perylene-d12	25.21	264	411076	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	387087	125.18	ng		0.00
7) Phenol-d6	7.32	99	484199	106.38	ng		0.00
23) Nitrobenzene-d5	9.35	82	390714	100.84	ng		-0.02
42) 2,4,6-Tribromophenol	16.28	330	265708	145.92	ng		0.00
45) 2-Fluorobiphenyl	13.42	172	938721	79.64	ng		-0.02
79) Terphenyl-d14	20.13	244	1526665	81.16	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	44155	32.644	ng	#	1
3) Pyridine	4.01	79	122265	34.141	ng		97
4) n-Nitrosodimethylamine	3.92	42	67197	37.519	ng		92
6) Aniline	7.50	93	89914	15.771	ng		95
8) 2-Chlorophenol	7.73	128	157462	46.585	ng		98
9) Benzaldehyde	7.31	77	122944	64.436	ng		99
10) Phenol	7.34	94	168086	35.425	ng		96
11) bis(2-Chloroethyl)ether	7.58	93	160926	42.922	ng		97
12) 1,3-Dichlorobenzene	8.05	146	168898	41.248	ng		98
13) 1,4-Dichlorobenzene	8.21	146	171211	41.950	ng		98
14) 1,2-Dichlorobenzene	8.52	146	164372	41.603	ng		99
15) Benzyl Alcohol	8.41	79	157148	43.976	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.69	45	308523	36.439	ng		99
17) 2-Methylphenol	8.61	107	138683	45.166	ng		96
18) Hexachloroethane	9.25	117	59564	42.420	ng		98
19) n-Nitroso-di-n-propylamine	8.97	70	130832	40.498	ng		96
20) 3+4-Methylphenols	8.93	107	189025	44.705	ng		97
22) Acetophenone	9.00	105	258639	39.780	ng	#	93
24) Nitrobenzene	9.39	77	197946	47.291	ng		96
25) Isophorone	9.90	82	385136	44.858	ng		97
26) 2-Nitrophenol	10.10	139	95233	55.327	ng		99
27) 2,4-Dimethylphenol	10.14	122	171519	49.384	ng		97
28) bis(2-Chloroethoxy)methane	10.39	93	230270	43.543	ng		98
29) 2,4-Dichlorophenol	10.63	162	188278	49.600	ng		93
30) 1,2,4-Trichlorobenzene	10.84	180	180343	42.317	ng		99
31) Naphthalene	11.04	128	541455	45.093	ng		99
32) Benzoic acid	10.26	122	80327	37.703	ng		98
33) 4-Chloroaniline	11.15	127	19127	3.435	ng	#	96
34) Hexachlorobutadiene	11.30	225	113680	40.111	ng		93
35) Caprolactam	11.94	113	39955	25.436	ng	#	92
36) 4-Chloro-3-methylphenol	12.25	107	205877	46.897	ng		99
37) 2-Methylnaphthalene	12.64	142	410907	46.203	ng		97
38) 1-Methylnaphthalene	12.85	142	394233	45.986	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	222517	41.358	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	253192	86.361 ng		99
43) 2,4,6-Trichlorophenol	13.23	196	158067	47.782 ng		95
44) 2,4,5-Trichlorophenol	13.30	196	173710	50.102 ng		98
46) 1,1'-Biphenyl	13.63	154	554659	39.423 ng		98
47) 2-Chloronaphthalene	13.68	162	433943	40.999 ng		98
48) 2-Nitroaniline	13.89	65	152636	49.821 ng		94
49) Acenaphthylene	14.52	152	711193	44.531 ng		99
50) Dimethylphthalate	14.24	163	589019	43.129 ng		99
51) 2,6-Dinitrotoluene	14.37	165	132875	51.503 ng		95
52) Acenaphthene	14.86	154	433695	41.835 ng		100
53) 3-Nitroaniline	14.71	138	32233	16.084 ng	#	92
54) 2,4-Dinitrophenol	14.90	184	77239	71.972 ng		97
55) Dibenzofuran	15.19	168	706486	42.504 ng		99
56) 4-Nitrophenol	15.00	139	154088	63.675 ng		92
57) 2,4-Dinitrotoluene	15.16	165	187823	55.906 ng		87
58) Fluorene	15.84	166	566788	45.743 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	167850	51.705 ng		97
60) Diethylphthalate	15.59	149	596976	42.277 ng		98
61) 4-Chlorophenyl-phenylether	15.83	204	302414	43.103 ng		93
62) 4-Nitroaniline	15.87	138	136064	47.553 ng		91
63) Azobenzene	16.12	77	541319	39.222 ng		96
65) 4,6-Dinitro-2-methylphenol	15.91	198	80196	50.128 ng		98
66) n-Nitrosodiphenylamine	16.04	169	516288	42.567 ng		100
67) 4-Bromophenyl-phenylether	16.72	248	197685	44.672 ng		95
68) Hexachlorobenzene	16.83	284	200639	45.190 ng		98
69) Atrazine	16.98	200	191998	43.317 ng		95
70) Pentachlorophenol	17.18	266	222336	72.051 ng		98
71) Phenanthrene	17.58	178	930995	45.094 ng		98
72) Anthracene	17.67	178	947825	46.608 ng		98
73) Carbazole	17.95	167	817730	40.292 ng		99
74) Di-n-butylphthalate	18.47	149	995926	42.064 ng		99
75) Fluoranthene	19.58	202	1102798	46.021 ng		99
77) Benzidine	19.76	184	113888	8.724 ng		100
78) Pyrene	19.94	202	1103109	44.503 ng		98
80) Butylbenzylphthalate	20.81	149	467069	44.669 ng		92
81) Benzo(a)anthracene	21.81	228	1081618	45.972 ng		100
82) 3,3'-Dichlorobenzidine	21.72	252	126932	14.550 ng		99
83) Chrysene	21.88	228	1008863	45.044 ng		99
84) Bis(2-ethylhexyl)phthalate	21.68	149	650826	43.629 ng		99
85) Di-n-octyl phthalate	22.94	149	1106421	44.894 ng		96
86) Indeno(1,2,3-cd)pyrene	29.10	276	1114533	46.380 ng	#	94
88) Benzo(b)fluoranthene	24.13	252	1046338	46.673 ng		98
89) Benzo(k)fluoranthene	24.20	252	1032163	45.859 ng		100
90) Benzo(a)pyrene	25.05	252	1025680	47.506 ng		99
91) Dibenzo(a,h)anthracene	29.17	278	864197	42.741 ng		98
92) Benzo(g,h,i)perylene	30.32	276	910674	45.187 ng		100

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

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