Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021419\
Data File : BG039513.D
Acq On : 14 Feb 2019 19:19
Operator : JU/SJ
Sample : K1349-06MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-01-021319-AMSD

Quant Time: Feb 15 03:11:28 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	50555	20.00	ng		-0.01
21) Naphthalene-d8	11.00	136	234992	20.00	ng		-0.01
39) Acenaphthene-d10	14.80	164	166543	20.00	ng		-0.01
64) Phenanthrene-d10	17.54	188	388388	20.00	ng		-0.01
76) Chrysene-d12	21.83	240	386520	20.00	ng		-0.01
87) Perylene-d12	25.22	264	399002	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	451555	152.87	ng		0.00
7) Phenol-d6	7.32	99	595014	136.85	ng		0.00
23) Nitrobenzene-d5	9.35	82	451285	119.97	ng		-0.01
42) 2,4,6-Tribromophenol	16.28	330	305713	170.47	ng		0.00
45) 2-Fluorobiphenyl	13.42	172	1085139	93.47	ng		-0.01
79) Terphenyl-d14	20.13	244	1654181	90.59	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	44780	34.657	ng	#	1
3) Pyridine	4.02	79	124809	36.484	ng		95
4) n-Nitrosodimethylamine	3.93	42	70618	41.277	ng		88
6) Aniline	7.49	93	48426	8.892	ng		95
8) 2-Chlorophenol	7.74	128	174486	54.040	ng		95
9) Benzaldehyde	7.31	77	132222	86.249	ng		95
10) Phenol	7.35	94	193053	42.594	ng		97
11) bis(2-Chloroethyl)ether	7.59	93	166178	46.400	ng		99
12) 1,3-Dichlorobenzene	8.06	146	176742	45.186	ng		95
13) 1,4-Dichlorobenzene	8.21	146	178238	45.718	ng		99
14) 1,2-Dichlorobenzene	8.53	146	170407	45.151	ng		99
15) Benzyl Alcohol	8.41	79	175478	51.407	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.69	45	312449	38.632	ng		99
17) 2-Methylphenol	8.61	107	154066	52.528	ng		93
18) Hexachloroethane	9.26	117	62939	46.924	ng		100
19) n-Nitroso-di-n-propylamine	8.97	70	141286	45.783	ng		93
20) 3+4-Methylphenols	8.94	107	213017	52.740	ng		98
22) Acetophenone	9.00	105	274089	43.422	ng	#	93
24) Nitrobenzene	9.39	77	212312	52.245	ng		99
25) Isophorone	9.91	82	411897	49.414	ng		98
26) 2-Nitrophenol	10.10	139	105095	60.758	ng		99
27) 2,4-Dimethylphenol	10.15	122	184843	54.817	ng		97
28) bis(2-Chloroethoxy)methane	10.39	93	247939	48.291	ng		96
29) 2,4-Dichlorophenol	10.63	162	210054	56.997	ng		96
30) 1,2,4-Trichlorobenzene	10.85	180	196811	47.567	ng		97
31) Naphthalene	11.04	128	572969	49.149	ng		99
32) Benzoic acid	10.26	122	72505	35.686	ng		100
33) 4-Chloroaniline	11.15	127	10728	1.985	ng		95
34) Hexachlorobutadiene	11.31	225	121010	43.978	ng		92
35) Caprolactam	11.95	113	45238	29.664	ng		91
36) 4-Chloro-3-methylphenol	12.26	107	224632	52.705	ng		96
37) 2-Methylnaphthalene	12.63	142	438849	50.826	ng		97
38) 1-Methylnaphthalene	12.85	142	416596	50.053	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	241218	45.522	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	234635	81.260	ng		100
43) 2,4,6-Trichlorophenol	13.23	196	178922	54.917	ng		99
44) 2,4,5-Trichlorophenol	13.30	196	194387	56.926	ng		98
46) 1,1'-Biphenyl	13.63	154	594933	42.934	ng		99
47) 2-Chloronaphthalene	13.68	162	467901	44.886	ng		97
48) 2-Nitroaniline	13.89	65	163798	53.542	ng		93
49) Acenaphthylene	14.53	152	752638	47.850	ng		99
50) Dimethylphthalate	14.24	163	624946	46.462	ng		100
51) 2,6-Dinitrotoluene	14.37	165	139911	54.609	ng		98
52) Acenaphthene	14.86	154	463699	45.416	ng		99
53) 3-Nitroaniline	14.71	138	10320	9.138	ng	#	89
54) 2,4-Dinitrophenol	14.91	184	37954	44.043	ng		90
55) Dibenzofuran	15.20	168	743149	45.396	ng		99
56) 4-Nitrophenol	15.01	139	182291	75.321	ng	#	86
57) 2,4-Dinitrotoluene	15.15	165	196704	58.953	ng	#	88
58) Fluorene	15.84	166	586054	48.024	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.41	232	179850	56.252	ng		95
60) Diethylphthalate	15.60	149	617203	44.381	ng		99
61) 4-Chlorophenyl-phenylether	15.82	204	314283	45.483	ng		96
62) 4-Nitroaniline	15.87	138	134909	47.845	ng		89
63) Azobenzene	16.12	77	556350	40.930	ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	47842	35.311	ng		94
66) n-Nitrosodiphenylamine	16.04	169	540322	45.753	ng		98
67) 4-Bromophenyl-phenylether	16.72	248	207645	48.192	ng		92
68) Hexachlorobenzene	16.83	284	210145	48.611	ng		95
69) Atrazine	16.98	200	207045	47.975	ng		94
70) Pentachlorophenol	17.18	266	179371	59.700	ng		97
71) Phenanthrene	17.59	178	952982	47.408	ng		98
72) Anthracene	17.67	178	965865	48.780	ng		97
73) Carbazole	17.95	167	848949	42.962	ng		99
74) Di-n-butylphthalate	18.47	149	1034108	44.857	ng		99
75) Fluoranthene	19.58	202	1124993	48.217	ng		99
77) Benzidine	19.77	184	133266	10.516	ng		98
78) Pyrene	19.94	202	1127694	46.866	ng		99
80) Butylbenzylphthalate	20.81	149	490000	48.275	ng		97
81) Benzo(a)anthracene	21.81	228	1114553	48.800	ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	77739	9.180	ng		100
83) Chrysene	21.88	228	1040352	47.851	ng		99
84) Bis(2-ethylhexyl)phthalate	21.68	149	667182	46.074	ng	#	98
85) Di-n-octyl phthalate	22.94	149	1154258	48.248	ng		96
86) Indeno(1,2,3-cd)pyrene	29.11	276	1249870	53.581	ng		97
88) Benzo(b)fluoranthene	24.13	252	1093418	50.249	ng		97
89) Benzo(k)fluoranthene	24.21	252	1067116	48.846	ng		99
90) Benzo(a)pyrene	25.06	252	1060262	50.594	ng		98
91) Dibenzo(a,h)anthracene	29.18	278	1007368	51.329	ng		98
92) Benzo(g,h,i)perylene	30.34	276	1029552	52.632	ng		99

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

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