Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022119\
Data File : BG039575.D
Acq On : 21 Feb 2019 17:31
Operator : JU/SJ
Sample : K1349-10MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-02-021919-AMS

Quant Time: Feb 21 22:03:11 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	48910	20.00	ng		-0.02
21) Naphthalene-d8	10.99	136	215891	20.00	ng		-0.02
39) Acenaphthene-d10	14.80	164	149218	20.00	ng		-0.02
64) Phenanthrene-d10	17.54	188	358714	20.00	ng		-0.02
76) Chrysene-d12	21.83	240	358285	20.00	ng		-0.02
87) Perylene-d12	25.20	264	353730	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	374761	131.14	ng		0.00
7) Phenol-d6	7.32	99	485039	115.31	ng		0.00
23) Nitrobenzene-d5	9.35	82	373880	108.19	ng		-0.01
42) 2,4,6-Tribromophenol	16.28	330	236731	147.33	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	879698	84.57	ng		-0.02
79) Terphenyl-d14	20.13	244	1391924	82.23	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	42456	33.964	ng	#	1
3) Pyridine	4.02	79	115557	34.916	ng		97
4) n-Nitrosodimethylamine	3.93	42	65515	39.582	ng		88
6) Aniline	7.49	93	51990	9.867	ng		98
8) 2-Chlorophenol	7.73	128	144097	46.130	ng		95
9) Benzaldehyde	7.31	77	109859	60.536	ng		93
10) Phenol	7.35	94	161707	36.878	ng		93
11) bis(2-Chloroethyl)ether	7.59	93	143048	41.285	ng		98
12) 1,3-Dichlorobenzene	8.06	146	151152	39.943	ng		99
13) 1,4-Dichlorobenzene	8.20	146	155495	41.226	ng		99
14) 1,2-Dichlorobenzene	8.52	146	149058	40.823	ng		98
15) Benzyl Alcohol	8.41	79	141571	42.869	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	274299	35.056	ng		99
17) 2-Methylphenol	8.60	107	127094	44.789	ng		93
18) Hexachloroethane	9.26	117	54058	41.659	ng		99
19) n-Nitroso-di-n-propylamine	8.97	70	120199	40.260	ng		92
20) 3+4-Methylphenols	8.93	107	170201	43.557	ng		97
22) Acetophenone	9.00	105	230088	39.676	ng	#	96
24) Nitrobenzene	9.39	77	177228	47.471	ng		97
25) Isophorone	9.90	82	336543	43.946	ng		98
26) 2-Nitrophenol	10.10	139	84516	55.122	ng		96
27) 2,4-Dimethylphenol	10.14	122	148591	47.965	ng		93
28) bis(2-Chloroethoxy)methane	10.38	93	203663	43.177	ng		97
29) 2,4-Dichlorophenol	10.63	162	164047	48.452	ng		96
30) 1,2,4-Trichlorobenzene	10.85	180	160047	42.104	ng		98
31) Naphthalene	11.04	128	476900	44.528	ng		98
32) Benzoic acid	10.25	122	67848	36.181	ng		99
33) 4-Chloroaniline	11.16	127	13787	2.776	ng	#	94
34) Hexachlorobutadiene	11.31	225	101123	40.002	ng		96
35) Caprolactam	11.93	113	38162	27.238	ng		92
36) 4-Chloro-3-methylphenol	12.26	107	180069	45.987	ng		96
37) 2-Methylnaphthalene	12.63	142	361280	45.544	ng		99
38) 1-Methylnaphthalene	12.85	142	343078	44.867	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	193530	40.763	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	218830	84.586	ng		99
43) 2,4,6-Trichlorophenol	13.23	196	137780	47.199	ng		99
44) 2,4,5-Trichlorophenol	13.30	196	149727	48.939	ng		98
46) 1,1'-Biphenyl	13.63	154	482606	38.872	ng		99
47) 2-Chloronaphthalene	13.68	162	377255	40.392	ng		99
48) 2-Nitroaniline	13.88	65	132002	48.993	ng		93
49) Acenaphthylene	14.52	152	614258	43.586	ng		99
50) Dimethylphthalate	14.24	163	502700	41.713	ng		99
51) 2,6-Dinitrotoluene	14.37	165	112796	49.795	ng		97
52) Acenaphthene	14.86	154	374509	40.939	ng		98
53) 3-Nitroaniline	14.71	138	13250	10.587	ng	#	92
54) 2,4-Dinitrophenol	14.90	184	42619	51.856	ng		98
55) Dibenzofuran	15.19	168	617422	42.095	ng		99
56) 4-Nitrophenol	15.00	139	135421	63.441	ng		90
57) 2,4-Dinitrotoluene	15.15	165	160210	54.302	ng		88
58) Fluorene	15.83	166	491181	44.923	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.41	232	137474	47.990	ng		97
60) Diethylphthalate	15.59	149	512113	41.100	ng		97
61) 4-Chlorophenyl-phenylether	15.82	204	259163	41.861	ng		97
62) 4-Nitroaniline	15.87	138	112307	44.752	ng		94
63) Azobenzene	16.12	77	464377	38.130	ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	54529	41.079	ng		96
66) n-Nitrosodiphenylamine	16.04	169	445535	40.848	ng		99
67) 4-Bromophenyl-phenylether	16.72	248	169371	42.561	ng		95
68) Hexachlorobenzene	16.83	284	168979	42.322	ng		99
69) Atrazine	16.98	200	162583	40.789	ng		96
70) Pentachlorophenol	17.18	266	158547	57.135	ng		98
71) Phenanthrene	17.58	178	807967	43.519	ng		99
72) Anthracene	17.67	178	819993	44.839	ng		99
73) Carbazole	17.94	167	720142	39.458	ng		99
74) Di-n-butylphthalate	18.47	149	875572	41.122	ng		100
75) Fluoranthene	19.58	202	952692	44.210	ng		99
77) Benzidine	19.76	184	104050	8.858	ng		99
78) Pyrene	19.94	202	961135	43.092	ng		100
80) Butylbenzylphthalate	20.81	149	405257	43.072	ng		94
81) Benzo(a)anthracene	21.81	228	934713	44.151	ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	83105	10.587	ng		99
83) Chrysene	21.87	228	870684	43.203	ng		99
84) Bis(2-ethylhexyl)phthalate	21.67	149	548579	40.869	ng		99
85) Di-n-octyl phthalate	22.94	149	941818	42.470	ng		96
86) Indeno(1,2,3-cd)pyrene	29.09	276	835139	38.623	ng	#	97
88) Benzo(b)fluoranthene	24.12	252	863878	44.782	ng		99
89) Benzo(k)fluoranthene	24.20	252	892928	46.104	ng		99
90) Benzo(a)pyrene	25.05	252	858915	46.232	ng		98
91) Dibenzo(a,h)anthracene	29.16	278	646812	37.176	ng		99
92) Benzo(g,h,i)perylene	30.32	276	672645	38.787	ng		98

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

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