Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022119\
Data File : BG039576.D
Acq On : 21 Feb 2019 18:10
Operator : JU/SJ
Sample : K1349-10MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Feb 21 22:03:52 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	49867	20.00	ng		-0.02
21) Naphthalene-d8	10.99	136	226750	20.00	ng		-0.02
39) Acenaphthene-d10	14.79	164	154248	20.00	ng		-0.02
64) Phenanthrene-d10	17.54	188	376616	20.00	ng		-0.01
76) Chrysene-d12	21.83	240	372958	20.00	ng		-0.02
87) Perylene-d12	25.21	264	368779	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	386095	132.51	ng		0.00
7) Phenol-d6	7.32	99	507632	118.36	ng		0.00
23) Nitrobenzene-d5	9.35	82	364418	100.40	ng		-0.02
42) 2,4,6-Tribromophenol	16.28	330	235598	141.84	ng		-0.01
45) 2-Fluorobiphenyl	13.42	172	871875	81.09	ng		-0.02
79) Terphenyl-d14	20.13	244	1383895	78.54	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	40809	32.020	ng	#	11
3) Pyridine	4.02	79	104407	30.941	ng		96
4) n-Nitrosodimethylamine	3.93	42	60447	35.819	ng		83
6) Aniline	7.50	93	55169	10.270	ng		97
8) 2-Chlorophenol	7.73	128	137515	43.178	ng		97
9) Benzaldehyde	7.31	77	106899	55.841	ng		99
10) Phenol	7.34	94	159032	35.572	ng		98
11) bis(2-Chloroethyl)ether	7.58	93	134598	38.101	ng		98
12) 1,3-Dichlorobenzene	8.05	146	143224	37.122	ng		98
13) 1,4-Dichlorobenzene	8.21	146	144386	37.546	ng		98
14) 1,2-Dichlorobenzene	8.52	146	141973	38.136	ng		99
15) Benzyl Alcohol	8.41	79	134416	39.921	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.69	45	256613	32.166	ng		98
17) 2-Methylphenol	8.61	107	118615	40.999	ng		94
18) Hexachloroethane	9.25	117	50627	38.266	ng		97
19) n-Nitroso-di-n-propylamine	8.97	70	112461	36.945	ng		92
20) 3+4-Methylphenols	8.93	107	164009	41.167	ng		97
22) Acetophenone	9.00	105	213594	35.068	ng	#	95
24) Nitrobenzene	9.39	77	165525	42.213	ng		100
25) Isophorone	9.90	82	318102	39.549	ng		98
26) 2-Nitrophenol	10.10	139	81733	51.871	ng		96
27) 2,4-Dimethylphenol	10.14	122	143290	44.039	ng		94
28) bis(2-Chloroethoxy)methane	10.39	93	191615	38.677	ng		98
29) 2,4-Dichlorophenol	10.63	162	154209	43.365	ng		96
30) 1,2,4-Trichlorobenzene	10.84	180	152198	38.122	ng		99
31) Naphthalene	11.04	128	447063	39.743	ng		100
32) Benzoic acid	10.25	122	72335	36.591	ng		93
33) 4-Chloroaniline	11.15	127	15345	2.942	ng	#	92
34) Hexachlorobutadiene	11.30	225	94904	35.744	ng		95
35) Caprolactam	11.93	113	38270	26.007	ng	#	88
36) 4-Chloro-3-methylphenol	12.25	107	168167	40.891	ng		95
37) 2-Methylnaphthalene	12.63	142	338420	40.619	ng		95
38) 1-Methylnaphthalene	12.85	142	322266	40.127	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	186587	38.019	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	208897	78.113	ng		98
43) 2,4,6-Trichlorophenol	13.23	196	131553	43.596	ng		99
44) 2,4,5-Trichlorophenol	13.30	196	139199	44.014	ng		95
46) 1,1'-Biphenyl	13.63	154	459068	35.770	ng		98
47) 2-Chloronaphthalene	13.68	162	356214	36.896	ng		99
48) 2-Nitroaniline	13.89	65	123403	45.101	ng		93
49) Acenaphthylene	14.52	152	576784	39.592	ng		99
50) Dimethylphthalate	14.24	163	473662	38.022	ng		100
51) 2,6-Dinitrotoluene	14.37	165	106328	45.987	ng		97
52) Acenaphthene	14.86	154	346810	36.675	ng		97
53) 3-Nitroaniline	14.70	138	23198	13.912	ng	#	91
54) 2,4-Dinitrophenol	14.90	184	59281	63.915	ng		99
55) Dibenzofuran	15.19	168	574633	37.900	ng		98
56) 4-Nitrophenol	15.00	139	140716	63.742	ng		91
57) 2,4-Dinitrotoluene	15.15	165	149609	49.811	ng		88
58) Fluorene	15.84	166	451929	39.985	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	136852	46.215	ng		96
60) Diethylphthalate	15.59	149	474182	36.814	ng		97
61) 4-Chlorophenyl-phenylether	15.82	204	240079	37.514	ng		96
62) 4-Nitroaniline	15.87	138	106127	41.271	ng		91
63) Azobenzene	16.11	77	432347	34.342	ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	64167	44.569	ng		99
66) n-Nitrosodiphenylamine	16.04	169	415681	36.299	ng		96
67) 4-Bromophenyl-phenylether	16.72	248	155733	37.273	ng		95
68) Hexachlorobenzene	16.83	284	159579	38.068	ng		95
69) Atrazine	16.98	200	154321	36.876	ng		96
70) Pentachlorophenol	17.18	266	172388	59.169	ng		99
71) Phenanthrene	17.58	178	757074	38.839	ng		99
72) Anthracene	17.67	178	772594	40.239	ng		100
73) Carbazole	17.94	167	674752	35.214	ng		99
74) Di-n-butylphthalate	18.47	149	813508	36.391	ng		99
75) Fluoranthene	19.58	202	901606	39.850	ng		99
77) Benzidine	19.76	184	41384	3.384	ng	#	94
78) Pyrene	19.94	202	910410	39.212	ng		100
80) Butylbenzylphthalate	20.81	149	379756	38.774	ng		96
81) Benzo(a)anthracene	21.81	228	874781	39.694	ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	94027	11.507	ng		99
83) Chrysene	21.88	228	838824	39.985	ng		98
84) Bis(2-ethylhexyl)phthalate	21.67	149	522909	37.424	ng		99
85) Di-n-octyl phthalate	22.93	149	886406	38.399	ng		95
86) Indeno(1,2,3-cd)pyrene	29.10	276	784869	34.870	ng	#	71
88) Benzo(b)fluoranthene	24.13	252	833666	41.452	ng		98
89) Benzo(k)fluoranthene	24.20	252	818473	40.535	ng		99
90) Benzo(a)pyrene	25.05	252	798033	41.202	ng		100
91) Dibenzo(a,h)anthracene	29.17	278	598638	33.003	ng		99
92) Benzo(g,h,i)perylene	30.31	276	636094	35.183	ng		97

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

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