Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
Data File : BG039612.D
Acq On : 26 Feb 2019 22:38
Operator : JU/SJ
Sample : K1594-31MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-4B(14-15)MSD

Manual Integrations APPROVED
Sohil
2/27/2019 4:21:50 PM

Quant Time: Feb 27 03:36:17 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	62246	20.00	ng		-0.01
21) Naphthalene-d8	10.99	136	265299	20.00	ng		-0.02
39) Acenaphthene-d10	14.79	164	178681	20.00	ng		-0.02
64) Phenanthrene-d10	17.53	188	427494	20.00	ng		-0.02
76) Chrysene-d12	21.83	240	419217	20.00	ng		-0.02
87) Perylene-d12	25.21	264	438756	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	496994	136.65	ng		0.00
7) Phenol-d6	7.32	99	727641	135.92	ng		0.00
23) Nitrobenzene-d5	9.34	82	422938	99.59	ng		-0.02
42) 2,4,6-Tribromophenol	16.28	330	282299	146.72	ng		0.00
45) 2-Fluorobiphenyl	13.42	172	960644	77.13	ng		-0.02
79) Terphenyl-d14	20.12	244	1402364	70.81	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	56055	35.235	ng		93
3) Pyridine	4.00	79	162601	38.604	ng		98
4) n-Nitrosodimethylamine	3.93	42	88280	41.909	ng		85
6) Aniline	7.49	93	232601	34.688	ng		97
8) 2-Chlorophenol	7.73	128	179945	45.264	ng		98
9) Benzaldehyde	7.31	77	81204	27.748	ng		97
10) Phenol	7.35	94	273079	48.934	ng		96
11) bis(2-Chloroethyl)ether	7.58	93	174123	39.487	ng		96
12) 1,3-Dichlorobenzene	8.06	146	191458	39.755	ng		96
13) 1,4-Dichlorobenzene	8.20	146	193903	40.395	ng		98
14) 1,2-Dichlorobenzene	8.52	146	189699	40.822	ng		96
15) Benzyl Alcohol	8.40	79	175565	41.772	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.69	45	339072	34.050	ng		97
17) 2-Methylphenol	8.60	107	161654	44.763	ng		98
18) Hexachloroethane	9.25	117	67949	41.145	ng		92
19) n-Nitroso-di-n-propylamine	8.97	70	145690	38.343	ng		93
20) 3+4-Methylphenols	8.93	107	226921	45.631	ng		98
22) Acetophenone	9.00	105	277825	38.985	ng	#	94
24) Nitrobenzene	9.39	77	213292	46.491	ng		97
25) Isophorone	9.90	82	413408	43.930	ng		97
26) 2-Nitrophenol	10.10	139	108857	57.056	ng		95
27) 2,4-Dimethylphenol	10.14	122	184935	48.579	ng		98
28) bis(2-Chloroethoxy)methane	10.38	93	251456	43.381	ng		99
29) 2,4-Dichlorophenol	10.63	162	202200	48.599	ng		92
30) 1,2,4-Trichlorobenzene	10.84	180	203949	43.661	ng		100
31) Naphthalene	11.04	128	580864	44.134	ng		98
32) Benzoic acid	10.21	122	10053	12.296	ng		90
33) 4-Chloroaniline	11.15	127	171333	28.076	ng		94
34) Hexachlorobutadiene	11.30	225	130792	42.103	ng		90
35) Caprolactam	11.94	113	69715m	40.492	ng		
36) 4-Chloro-3-methylphenol	12.25	107	215855	44.860	ng		98
37) 2-Methylnaphthalene	12.63	142	436708	44.800	ng		98
38) 1-Methylnaphthalene	12.85	142	418556	44.543	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	241680	42.511	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	298125	96.234	ng		100
43) 2,4,6-Trichlorophenol	13.23	196	166403	47.605	ng		99
44) 2,4,5-Trichlorophenol	13.30	196	181795	49.622	ng		98
46) 1,1'-Biphenyl	13.63	154	581660	39.125	ng		98
47) 2-Chloronaphthalene	13.68	162	454785	40.664	ng		97
48) 2-Nitroaniline	13.89	65	158713	49.159	ng		92
49) Acenaphthylene	14.52	152	722928	42.839	ng		100
50) Dimethylphthalate	14.24	163	660658	45.781	ng		100
51) 2,6-Dinitrotoluene	14.37	165	136605	50.287	ng		92
52) Acenaphthene	14.85	154	442253	40.373	ng		99
53) 3-Nitroaniline	14.70	138	107206	38.185	ng	#	97
54) 2,4-Dinitrophenol	14.91	184	103810	84.619	ng		93
55) Dibenzofuran	15.19	168	721876	41.101	ng		99
56) 4-Nitrophenol	15.00	139	240394	91.253	ng		90
57) 2,4-Dinitrotoluene	15.15	165	190564	53.992	ng	#	88
58) Fluorene	15.84	166	573449	43.799	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	184980	53.926	ng		95
60) Diethylphthalate	15.59	149	608868	40.807	ng		96
61) 4-Chlorophenyl-phenylether	15.82	204	299607	40.414	ng		97
62) 4-Nitroaniline	15.87	138	148675	49.031	ng		92
63) Azobenzene	16.12	77	546504	37.474	ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	109086	59.253	ng		94
66) n-Nitrosodiphenylamine	16.04	169	529548	40.739	ng		97
67) 4-Bromophenyl-phenylether	16.72	248	200376	42.251	ng		94
68) Hexachlorobenzene	16.83	284	209403	44.009	ng		95
69) Atrazine	16.98	200	194884	41.026	ng		95
70) Pentachlorophenol	17.18	266	276337	83.560	ng		98
71) Phenanthrene	17.58	178	946048	42.758	ng		98
72) Anthracene	17.67	178	964815	44.270	ng		98
73) Carbazole	17.94	167	856309	39.370	ng		97
74) Di-n-butylphthalate	18.47	149	1025237	40.404	ng		99
75) Fluoranthene	19.58	202	1122227	43.698	ng		99
77) Benzidine	19.76	184	609766	44.365	ng		99
78) Pyrene	19.94	202	1119874	42.911	ng		99
80) Butylbenzylphthalate	20.81	149	481950	43.778	ng		97
81) Benzo(a)anthracene	21.80	228	1091603	44.067	ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	288291	31.387	ng		100
83) Chrysene	21.87	228	1027148	43.559	ng		99
84) Bis(2-ethylhexyl)phthalate	21.67	149	663836	42.267	ng		99
85) Di-n-octyl phthalate	22.93	149	1139240	43.906	ng		96
86) Indeno(1,2,3-cd)pyrene	29.08	276	1252718	49.514	ng	#	95
88) Benzo(b)fluoranthene	24.12	252	1072666	44.829	ng		98
89) Benzo(k)fluoranthene	24.19	252	1052179	43.799	ng		99
90) Benzo(a)pyrene	25.04	252	1054785	45.772	ng		100
91) Dibenzo(a,h)anthracene	29.15	278	1004294	46.536	ng		99
92) Benzo(g,h,i)perylene	30.31	276	1033695	48.056	ng		96

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

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