Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
Data File : BG039433.D
Acq On : 11 Feb 2019 14:16
Operator : JU/SJ
Sample : K1404-03MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A0C12-SS1-7.5-8.0MS

Manual Integrations APPROVED
Sohil
2/12/2019 12:07:30 PM

Quant Time: Feb 12 02:57:01 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	51399	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	236056	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	164207	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	397518	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	392785	20.00	ng	-0.01
87) Perylene-d12	25.21	264	407492	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	376163	125.26	ng	0.00
7) Phenol-d6	7.31	99	561718	127.07	ng	0.00
23) Nitrobenzene-d5	9.35	82	322575	85.37	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	223898	126.62	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	752310	65.72	ng	-0.01
79) Terphenyl-d14	20.13	244	1207767	65.09	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.60	88	40324	30.696	ng	95
3) Pyridine	4.00	79	107503	30.909	ng	98
4) n-Nitrosodimethylamine	3.92	42	65524	37.670	ng	86
6) Aniline	7.50	93	79874	14.425	ng	94
8) 2-Chlorophenol	7.73	128	141550	43.120	ng	95
9) Benzaldehyde	7.31	77	69104	28.841	ng	96
10) Phenol	7.34	94	214727	46.598	ng	97
11) bis(2-Chloroethyl)ether	7.59	93	134653	36.980	ng	99
12) 1,3-Dichlorobenzene	8.06	146	144653	36.375	ng	98
13) 1,4-Dichlorobenzene	8.21	146	144707	36.508	ng	98
14) 1,2-Dichlorobenzene	8.53	146	141627	36.909	ng	97
15) Benzyl Alcohol	8.40	79	141728	40.838	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	263106	31.997	ng	100
17) 2-Methylphenol	8.60	107	130953	43.914	ng	96
18) Hexachloroethane	9.26	117	49866	36.567	ng	96
19) n-Nitroso-di-n-propylamine	8.97	70	116217	37.041	ng	94
20) 3+4-Methylphenols	8.93	107	178970	43.583	ng	98
22) Acetophenone	9.00	105	218115	34.398	ng	96
24) Nitrobenzene	9.39	77	167494	41.031	ng	98
25) Isophorone	9.91	82	335126	40.023	ng	98
26) 2-Nitrophenol	10.10	139	79206	49.195	ng	96
27) 2,4-Dimethylphenol	10.14	122	152609	45.054	ng	98
28) bis(2-Chloroethoxy)methane	10.38	93	198355	38.459	ng	98
29) 2,4-Dichlorophenol	10.62	162	162989	44.027	ng	94
30) 1,2,4-Trichlorobenzene	10.85	180	154422	37.154	ng	97
31) Naphthalene	11.05	128	454668	38.825	ng	99
32) Benzoic acid	10.19	122	3201m	10.193	ng	
33) 4-Chloroaniline	11.15	127	61422	11.312	ng	98
34) Hexachlorobutadiene	11.31	225	95662	34.609	ng	97
35) Caprolactam	11.92	113	56694m	37.008	ng	
36) 4-Chloro-3-methylphenol	12.25	107	179876	42.014	ng	97
37) 2-Methylnaphthalene	12.63	142	341849	39.413	ng	98
38) 1-Methylnaphthalene	12.85	142	328766	39.322	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	186848	35.763	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	225015	79.037	ng		99
43) 2,4,6-Trichlorophenol	13.23	196	134694	41.930	ng		98
44) 2,4,5-Trichlorophenol	13.30	196	150171	44.603	ng		97
46) 1,1'-Biphenyl	13.63	154	469643	34.375	ng		99
47) 2-Chloronaphthalene	13.68	162	363642	35.381	ng		97
48) 2-Nitroaniline	13.89	65	125795	43.539	ng		92
49) Acenaphthylene	14.53	152	597166	38.505	ng		99
50) Dimethylphthalate	14.24	163	574449	43.315	ng		99
51) 2,6-Dinitrotoluene	14.37	165	112414	45.715	ng		98
52) Acenaphthene	14.86	154	360818	35.842	ng		97
53) 3-Nitroaniline	14.70	138	48079	21.600	ng	#	92
54) 2,4-Dinitrophenol	14.90	184	52843	56.445	ng		94
55) Dibenzofuran	15.20	168	587901	36.424	ng		98
56) 4-Nitrophenol	14.99	139	200044	83.177	ng		90
57) 2,4-Dinitrotoluene	15.15	165	158016	49.481	ng	#	86
58) Fluorene	15.84	166	461348	38.343	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	146436	46.452	ng		96
60) Diethylphthalate	15.59	149	503269	36.703	ng		99
61) 4-Chlorophenyl-phenylether	15.82	204	246717	36.213	ng		97
62) 4-Nitroaniline	15.86	138	113554	41.459	ng		95
63) Azobenzene	16.12	77	441231	32.923	ng		98
65) 4,6-Dinitro-2-methylphenol	15.91	198	79310	49.858	ng		92
66) n-Nitrosodiphenylamine	16.04	169	435175	36.003	ng		97
67) 4-Bromophenyl-phenylether	16.72	248	160884	36.481	ng		96
68) Hexachlorobenzene	16.83	284	166368	37.601	ng		98
69) Atrazine	16.98	200	175113	39.644	ng		99
70) Pentachlorophenol	17.17	266	219585	71.406	ng		99
71) Phenanthrene	17.59	178	767874	37.322	ng		100
72) Anthracene	17.67	178	784227	38.697	ng		99
73) Carbazole	17.94	167	703878	34.802	ng		99
74) Di-n-butylphthalate	18.48	149	828938	35.132	ng		100
75) Fluoranthene	19.58	202	901993	37.771	ng		99
77) Benzidine	19.76	184	270432	21.000	ng		99
78) Pyrene	19.94	202	913594	37.363	ng		100
80) Butylbenzylphthalate	20.82	149	391602	37.965	ng		92
81) Benzo(a)anthracene	21.81	228	885965	38.173	ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	185698	21.578	ng		99
83) Chrysene	21.88	228	826023	37.387	ng		99
84) Bis(2-ethylhexyl)phthalate	21.68	149	544106	36.975	ng		99
85) Di-n-octyl phthalate	22.95	149	934191	38.426	ng		96
86) Indeno(1,2,3-cd)pyrene	29.10	276	998222	42.110	ng		98
88) Benzo(b)fluoranthene	24.12	252	866795	39.005	ng		98
89) Benzo(k)fluoranthene	24.20	252	819384	36.725	ng		100
90) Benzo(a)pyrene	25.05	252	846119	39.534	ng		98
91) Dibenzo(a,h)anthracene	29.16	278	811487	40.487	ng		99
92) Benzo(g,h,i)perylene	30.33	276	821889	41.141	ng		97

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

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