Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
Data File : BG039107.D
Acq On : 12 Jan 2019 7:12
Operator : JU/SJ
Sample : K1011-02MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMS

Manual Integrations APPROVED
Sohil
1/14/2019 4:31:24 PM

Quant Time: Jan 14 10:20:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	26548	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	117943	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	98178	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	225071	20.00	ng	0.00
76) Chrysene-d12	21.69	240	196585	20.00	ng	-0.01
87) Perylene-d12	24.96	264	211432	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	218764	156.32	ng	0.00
7) Phenol-d6	7.19	99	309876	153.86	ng	0.00
23) Nitrobenzene-d5	9.20	82	199247	92.44	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	200463	121.81	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	552207	76.98	ng	0.00
79) Terphenyl-d14	20.02	244	924265	86.97	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	21218	38.716	ng	# 28
3) Pyridine	3.87	79	65000	43.649	ng	# 87
4) n-Nitrosodimethylamine	3.79	42	36011	53.739	ng	87
6) Aniline	7.35	93	49461	20.449	ng	99
8) 2-Chlorophenol	7.59	128	88259	53.500	ng	98
9) Benzaldehyde	7.17	77	30313	26.098	ng	96
10) Phenol	7.21	94	105228	52.113	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	73435	47.584	ng	98
12) 1,3-Dichlorobenzene	7.91	146	81515	41.241	ng	97
13) 1,4-Dichlorobenzene	8.06	146	82630	41.278	ng	98
14) 1,2-Dichlorobenzene	8.38	146	81299	42.596	ng	97
15) Benzyl Alcohol	8.27	79	78283	51.613	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	129532	43.772	ng	99
17) 2-Methylphenol	8.47	107	76410	54.497	ng	98
18) Hexachloroethane	9.10	117	29303	43.088	ng	98
19) n-Nitroso-di-n-propylamine	8.83	70	64963	49.119	ng	91
20) 3+4-Methylphenols	8.80	107	105258	52.654	ng	98
22) Acetophenone	8.86	105	130975	42.523	ng	# 94
24) Nitrobenzene	9.25	77	99888	45.849	ng	99
25) Isophorone	9.76	82	203114	54.706	ng	97
26) 2-Nitrophenol	9.96	139	55612	47.193	ng	99
27) 2,4-Dimethylphenol	10.00	122	93182	56.206	ng	92
28) bis(2-Chloroethoxy)methane	10.24	93	117533	52.672	ng	99
29) 2,4-Dichlorophenol	10.49	162	110728	53.762	ng	97
30) 1,2,4-Trichlorobenzene	10.70	180	102653	41.481	ng	99
31) Naphthalene	10.89	128	275707	46.609	ng	98
32) Benzoic acid	10.16	122	31414	34.192	ng	92
33) 4-Chloroaniline	11.02	127	13226	4.997	ng	# 91
34) Hexachlorobutadiene	11.15	225	63551	37.322	ng	90
35) Caprolactam	11.80	113	30011m	36.337	ng	
36) 4-Chloro-3-methylphenol	12.13	107	117675	53.419	ng	96
37) 2-Methylnaphthalene	12.50	142	219086	49.400	ng	100
38) 1-Methylnaphthalene	12.71	142	210667	49.489	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	136842	37.113	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	131697	64.607	ng		99
43) 2,4,6-Trichlorophenol	13.11	196	98413	42.408	ng		97
44) 2,4,5-Trichlorophenol	13.18	196	107515	43.836	ng		99
46) 1,1'-Biphenyl	13.50	154	321769	41.362	ng		100
47) 2-Chloronaphthalene	13.55	162	254397	40.410	ng		100
48) 2-Nitroaniline	13.76	65	81117	45.994	ng		89
49) Acenaphthylene	14.39	152	415314	43.892	ng		99
50) Dimethylphthalate	14.12	163	346363	41.748	ng		99
51) 2,6-Dinitrotoluene	14.25	165	76387	41.182	ng		99
52) Acenaphthene	14.73	154	253774	44.638	ng		96
53) 3-Nitroaniline	14.59	138	13116	6.970	ng		97
54) 2,4-Dinitrophenol	14.80	184	53862	50.685	ng		94
55) Dibenzofuran	15.06	168	402712	40.108	ng		99
56) 4-Nitrophenol	14.90	139	94533	69.823	ng		95
57) 2,4-Dinitrotoluene	15.04	165	108009	40.587	ng		97
58) Fluorene	15.71	166	328667	43.487	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.29	232	99683	43.055	ng		98
60) Diethylphthalate	15.47	149	373803	43.730	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	187176	39.311	ng		97
62) 4-Nitroaniline	15.76	138	69623	35.518	ng		98
63) Azobenzene	15.99	77	278850	41.715	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	51297	30.764	ng		89
66) n-Nitrosodiphenylamine	15.92	169	309498	46.386	ng		97
67) 4-Bromophenyl-phenylether	16.60	248	129743	44.844	ng		99
68) Hexachlorobenzene	16.71	284	136231	43.152	ng		98
69) Atrazine	16.86	200	134161	47.332	ng		95
70) Pentachlorophenol	17.07	266	117882	61.853	ng		97
71) Phenanthrene	17.46	178	564594	47.459	ng		99
72) Anthracene	17.55	178	562811	47.848	ng		99
73) Carbazole	17.82	167	475226	40.926	ng		98
74) Di-n-butylphthalate	18.35	149	555151	42.976	ng		99
75) Fluoranthene	19.47	202	600468	40.715	ng		99
77) Benzidine	19.65	184	59400	9.879	ng		96
78) Pyrene	19.83	202	601197	47.988	ng		99
80) Butylbenzylphthalate	20.70	149	228173	47.886	ng		98
81) Benzo(a)anthracene	21.67	228	578467	48.338	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	73770	15.129	ng		97
83) Chrysene	21.74	228	545526	47.930	ng		98
84) Bis(2-ethylhexyl)phthalate	21.54	149	336717	50.893	ng		96
85) Di-n-octyl phthalate	22.75	149	588750	52.627	ng		99
86) Indeno(1,2,3-cd)pyrene	28.72	276	684825	50.354	ng	#	95
88) Benzo(b)fluoranthene	23.92	252	643811	55.223	ng		99
89) Benzo(k)fluoranthene	23.99	252	603988m	52.398	ng		
90) Benzo(a)pyrene	24.80	252	590945	52.441	ng	#	97
91) Dibenzo(a,h)anthracene	28.78	278	572991	51.121	ng		100
92) Benzo(g,h,i)perylene	29.90	276	550264	49.589	ng	#	96

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

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