Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
Data File : BG039059.D
Acq On : 10 Jan 2019 19:20
Operator : JU/SJ
Sample : PB116278BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116278BS

Manual Integrations APPROVED
Sohil
1/11/2019 4:44:31 PM

Quant Time: Jan 11 05:31:06 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	21510	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	102094	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	84990	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	220000	20.00	ng		0.00
76) Chrysene-d12	21.70	240	195522	20.00	ng		0.00
87) Perylene-d12	24.98	264	190754	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	189293	166.94	ng		0.00
7) Phenol-d6	7.19	99	268173	164.34	ng		0.00
23) Nitrobenzene-d5	9.20	82	130658	70.03	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	192075	134.82	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	407706	65.65	ng		0.00
79) Terphenyl-d14	20.02	244	762388	72.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	12966	29.200	ng	#	88
3) Pyridine	3.86	79	36939	30.615	ng		96
4) n-Nitrosodimethylamine	3.78	42	26055	47.989	ng		88
6) Aniline	7.35	93	75193	38.368	ng		96
8) 2-Chlorophenol	7.59	128	69402	51.923	ng		98
9) Benzaldehyde	7.17	77	12502	13.285	ng		90
10) Phenol	7.22	94	88603	54.157	ng		97
11) bis(2-Chloroethyl)ether	7.45	93	54326	43.446	ng		97
12) 1,3-Dichlorobenzene	7.91	146	62766	39.193	ng		98
13) 1,4-Dichlorobenzene	8.06	146	65029	40.094	ng		99
14) 1,2-Dichlorobenzene	8.38	146	65570	42.401	ng		99
15) Benzyl Alcohol	8.28	79	64601	52.568	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.55	45	108192	45.123	ng		97
17) 2-Methylphenol	8.47	107	63332	55.749	ng		98
18) Hexachloroethane	9.10	117	22701	41.198	ng		98
19) n-Nitroso-di-n-propylamine	8.83	70	49395	46.095	ng	#	97
20) 3+4-Methylphenols	8.80	107	87734	54.167	ng		99
22) Acetophenone	8.86	105	101501	38.070	ng		98
24) Nitrobenzene	9.25	77	75957	40.277	ng		98
25) Isophorone	9.76	82	151135	47.026	ng		99
26) 2-Nitrophenol	9.96	139	43548	42.692	ng		95
27) 2,4-Dimethylphenol	10.01	122	77774	54.195	ng		89
28) bis(2-Chloroethoxy)methane	10.24	93	85179	44.099	ng		99
29) 2,4-Dichlorophenol	10.49	162	89340	50.111	ng		97
30) 1,2,4-Trichlorobenzene	10.70	180	84323	39.364	ng		98
31) Naphthalene	10.90	128	225123	43.965	ng		98
32) Benzoic acid	10.19	122	33701	40.115	ng		90
33) 4-Chloroaniline	11.01	127	66659	29.094	ng		98
34) Hexachlorobutadiene	11.15	225	54421	36.921	ng		98
35) Caprolactam	11.81	113	32063m	44.848	ng		
36) 4-Chloro-3-methylphenol	12.13	107	95509	50.087	ng		91
37) 2-Methylnaphthalene	12.50	142	184643	48.096	ng		99
38) 1-Methylnaphthalene	12.72	142	176343	47.856	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	116883	36.619	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	122545	69.017	ng		97
43) 2,4,6-Trichlorophenol	13.11	196	84883	42.254	ng		97
44) 2,4,5-Trichlorophenol	13.18	196	93070	43.834	ng		94
46) 1,1'-Biphenyl	13.50	154	256535	38.093	ng		99
47) 2-Chloronaphthalene	13.55	162	210864	38.693	ng		99
48) 2-Nitroaniline	13.76	65	65514	42.911	ng		97
49) Acenaphthylene	14.40	152	354441	43.271	ng		100
50) Dimethylphthalate	14.12	163	298201	41.520	ng		99
51) 2,6-Dinitrotoluene	14.26	165	67517	42.048	ng		97
52) Acenaphthene	14.73	154	202387	41.123	ng		96
53) 3-Nitroaniline	14.59	138	49003	30.083	ng		99
54) 2,4-Dinitrophenol	14.80	184	81164	84.239	ng		95
55) Dibenzofuran	15.07	168	361733	41.617	ng		99
56) 4-Nitrophenol	14.90	139	97135	82.877	ng		98
57) 2,4-Dinitrotoluene	15.04	165	97538	42.340	ng		97
58) Fluorene	15.72	166	295223	45.123	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.30	232	93444	46.623	ng		96
60) Diethylphthalate	15.48	149	310490	41.960	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	167540	40.647	ng		96
62) 4-Nitroaniline	15.76	138	63735	37.560	ng		95
63) Azobenzene	16.00	77	239962	41.468	ng		96
65) 4,6-Dinitro-2-methylphenol	15.81	198	64463	39.551	ng		92
66) n-Nitrosodiphenylamine	15.93	169	269880	41.381	ng		97
67) 4-Bromophenyl-phenylether	16.60	248	117022	41.380	ng		96
68) Hexachlorobenzene	16.72	284	124290	40.277	ng		96
69) Atrazine	16.87	200	109950	39.684	ng		97
70) Pentachlorophenol	17.07	266	120485	64.412	ng		97
71) Phenanthrene	17.47	178	503163	43.270	ng		99
72) Anthracene	17.55	178	504511	43.880	ng		100
73) Carbazole	17.83	167	427890	37.699	ng		98
74) Di-n-butylphthalate	18.36	149	503178	39.850	ng		99
75) Fluoranthene	19.47	202	572387	39.706	ng		100
77) Benzidine	19.66	184	181022	30.270	ng		99
78) Pyrene	19.83	202	561349	45.051	ng		99
80) Butylbenzylphthalate	20.70	149	201239	42.463	ng		98
81) Benzo(a)anthracene	21.68	228	532001	44.697	ng		99
82) 3,3'-Dichlorobenzidine	21.60	252	157679	32.514	ng		96
83) Chrysene	21.75	228	495646	43.784	ng		100
84) Bis(2-ethylhexyl)phthalate	21.54	149	283557	43.091	ng		97
85) Di-n-octyl phthalate	22.76	149	487285	43.794	ng		99
86) Indeno(1,2,3-cd)pyrene	28.73	276	629680	46.551	ng	#	96
88) Benzo(b)fluoranthene	23.93	252	549537	52.247	ng		99
89) Benzo(k)fluoranthene	24.00	252	512396	49.271	ng		97
90) Benzo(a)pyrene	24.83	252	532202	52.348	ng		98
91) Dibenzo(a,h)anthracene	28.80	278	524268	51.844	ng		99
92) Benzo(g,h,i)perylene	29.93	276	523952	52.337	ng		98

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

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