Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
Data File : BG039193.D
Acq On : 17 Jan 2019 19:19
Operator : JU/SJ
Sample : PB116454BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB116454BS

Manual Integrations APPROVED
Sohil
1/18/2019 11:24:08 AM

Quant Time: Jan 18 04:46:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	19810	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	91084	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	49255	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	145166	20.00	ng		0.00
76) Chrysene-d12	21.68	240	159170	20.00	ng		0.00
87) Perylene-d12	24.95	264	195122	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	157361	150.69	ng		0.00
7) Phenol-d6	7.18	99	229603	152.78	ng		0.00
23) Nitrobenzene-d5	9.19	82	120155	72.18	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	109545	132.68	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	289798	80.52	ng		0.00
79) Terphenyl-d14	20.01	244	677582	78.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	14517	35.499	ng		94
3) Pyridine	3.85	79	41908	37.714	ng		97
4) n-Nitrosodimethylamine	3.77	42	22893	45.783	ng	#	94
6) Aniline	7.34	93	55339	30.660	ng		99
8) 2-Chlorophenol	7.58	128	58780	47.750	ng		97
9) Benzaldehyde	7.16	77	18562	21.417	ng		96
10) Phenol	7.20	94	71026	47.139	ng		96
11) bis(2-Chloroethyl)ether	7.43	93	46300	40.205	ng		98
12) 1,3-Dichlorobenzene	7.90	146	58883	39.924	ng		97
13) 1,4-Dichlorobenzene	8.05	146	56827	38.044	ng		97
14) 1,2-Dichlorobenzene	8.37	146	54201	38.057	ng		97
15) Benzyl Alcohol	8.25	79	44389	39.221	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.54	45	82305	37.273	ng		99
17) 2-Methylphenol	8.46	107	43034	41.132	ng		96
18) Hexachloroethane	9.09	117	21491	42.350	ng		95
19) n-Nitroso-di-n-propylamine	8.82	70	41009	41.553	ng		94
20) 3+4-Methylphenols	8.79	107	59266	39.731	ng		96
22) Acetophenone	8.85	105	85986	36.149	ng	#	97
24) Nitrobenzene	9.24	77	57100	33.938	ng		99
25) Isophorone	9.75	82	134992	47.080	ng		97
26) 2-Nitrophenol	9.95	139	39139	43.008	ng		98
27) 2,4-Dimethylphenol	9.99	122	65448	51.118	ng		87
28) bis(2-Chloroethoxy)methane	10.23	93	81776	47.454	ng		97
29) 2,4-Dichlorophenol	10.48	162	72264	45.432	ng		95
30) 1,2,4-Trichlorobenzene	10.69	180	75761	39.642	ng		97
31) Naphthalene	10.88	128	194758	42.633	ng		99
32) Benzoic acid	10.16	122	24245m	34.177	ng		
33) 4-Chloroaniline	11.00	127	33211	16.247	ng		94
34) Hexachlorobutadiene	11.14	225	46693	35.507	ng		96
35) Caprolactam	11.79	113	19324m	30.297	ng		
36) 4-Chloro-3-methylphenol	12.11	107	57075	33.549	ng		92
37) 2-Methylnaphthalene	12.48	142	117162	34.208	ng		96
38) 1-Methylnaphthalene	12.70	142	110918	33.740	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	75413	40.768	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	88480	84.575	ng		96
43) 2,4,6-Trichlorophenol	13.10	196	49332	42.373	ng		99
44) 2,4,5-Trichlorophenol	13.17	196	52704	42.832	ng		99
46) 1,1'-Biphenyl	13.49	154	154679	39.632	ng		99
47) 2-Chloronaphthalene	13.54	162	124902	39.547	ng		97
48) 2-Nitroaniline	13.75	65	35938	40.617	ng		96
49) Acenaphthylene	14.38	152	203760	42.923	ng		99
50) Dimethylphthalate	14.11	163	166458	39.992	ng		100
51) 2,6-Dinitrotoluene	14.24	165	38374	41.237	ng		96
52) Acenaphthene	14.72	154	117388	41.157	ng		99
53) 3-Nitroaniline	14.58	138	23849	25.263	ng		99
54) 2,4-Dinitrophenol	14.79	184	45837	82.226	ng		95
55) Dibenzofuran	15.05	168	203797	40.458	ng		98
56) 4-Nitrophenol	14.89	139	61258	90.186	ng		95
57) 2,4-Dinitrotoluene	15.03	165	55573	41.625	ng	#	94
58) Fluorene	15.70	166	163528	43.128	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.28	232	50938	43.854	ng		98
60) Diethylphthalate	15.46	149	173441	40.444	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	93278	39.048	ng		97
62) 4-Nitroaniline	15.75	138	40987	41.678	ng		91
63) Azobenzene	15.98	77	134203	40.017	ng		97
65) 4,6-Dinitro-2-methylphenol	15.79	198	37409	34.784	ng		99
66) n-Nitrosodiphenylamine	15.91	169	153199	35.599	ng		98
67) 4-Bromophenyl-phenylether	16.59	248	69015	36.985	ng		99
68) Hexachlorobenzene	16.70	284	72741	35.724	ng		98
69) Atrazine	16.85	200	70526	38.577	ng		99
70) Pentachlorophenol	17.06	266	73510	59.994	ng		93
71) Phenanthrene	17.45	178	320725	41.799	ng		98
72) Anthracene	17.54	178	321425	42.368	ng		100
73) Carbazole	17.81	167	286140	38.206	ng		100
74) Di-n-butylphthalate	18.34	149	331359	39.771	ng		99
75) Fluoranthene	19.46	202	413509	43.472	ng		99
77) Benzidine	19.65	184	162675	33.414	ng		99
78) Pyrene	19.82	202	420694	41.473	ng		98
80) Butylbenzylphthalate	20.69	149	155966	40.426	ng		99
81) Benzo(a)anthracene	21.66	228	421730	43.525	ng		99
82) 3,3'-Dichlorobenzidine	21.57	252	95072	24.082	ng		99
83) Chrysene	21.73	228	384381	41.710	ng		99
84) Bis(2-ethylhexyl)phthalate	21.53	149	224767	41.958	ng		97
85) Di-n-octyl phthalate	22.74	149	424751	46.892	ng		100
86) Indeno(1,2,3-cd)pyrene	28.69	276	493579	44.823	ng	#	76
88) Benzo(b)fluoranthene	23.90	252	454934	42.284	ng		99
89) Benzo(k)fluoranthene	23.97	252	418935	39.382	ng		98
90) Benzo(a)pyrene	24.79	252	487086	46.838	ng		99
91) Dibenzo(a,h)anthracene	28.75	278	405347	39.187	ng		100
92) Benzo(g,h,i)perylene	29.87	276	405667	39.614	ng		96

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

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