Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
Data File : BG042424.D
Acq On : 23 Aug 2019 8:29
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Jagrut
8/26/2019 2:01:30 PM

Quant Time: Aug 23 17:31:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	94726	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	338408	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	229332	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	482724	20.00	ng		0.00
76) Chrysene-d12	21.69	240	439244	20.00	ng		0.00
87) Perylene-d12	24.94	264	523560	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	404878	86.57	ng		0.00
7) Phenol-d6	7.17	99	538755	85.28	ng		0.00
23) Nitrobenzene-d5	9.17	82	456109	93.14	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	249795	76.63	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1085790	80.08	ng		0.00
79) Terphenyl-d14	20.03	244	1598707	78.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	87024	44.585	ng		98
3) Pyridine	3.83	79	237370	47.426	ng		98
4) n-Nitrosodimethylamine	3.74	42	69681	38.980	ng		78
6) Aniline	7.32	93	360941	42.834	ng		100
8) 2-Chlorophenol	7.57	128	235740	41.589	ng		97
9) Benzaldehyde	7.13	77	127954	40.454	ng		96
10) Phenol	7.19	94	278304	43.325	ng		95
11) bis(2-Chloroethyl)ether	7.42	93	224063	44.415	ng		98
12) 1,3-Dichlorobenzene	7.89	146	293533	40.707	ng		97
13) 1,4-Dichlorobenzene	8.04	146	292746	40.080	ng		99
14) 1,2-Dichlorobenzene	8.36	146	277999	39.744	ng		98
15) Benzyl Alcohol	8.24	79	177908	39.141	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	296224	43.322	ng		98
17) 2-Methylphenol	8.46	107	196042	41.435	ng		94
18) Hexachloroethane	9.10	117	101728	40.683	ng		95
19) n-Nitroso-di-n-propylamine	8.81	70	165662	40.474	ng		98
20) 3+4-Methylphenols	8.78	107	273747	41.813	ng		96
22) Acetophenone	8.83	105	339501	46.906	ng	#	98
24) Nitrobenzene	9.21	77	232371	46.859	ng		99
25) Isophorone	9.74	82	443965	45.938	ng		98
26) 2-Nitrophenol	9.93	139	140307	45.149	ng		99
27) 2,4-Dimethylphenol	9.99	122	193127	45.115	ng		96
28) bis(2-Chloroethoxy)methane	10.22	93	286255	46.994	ng		100
29) 2,4-Dichlorophenol	10.48	162	227256	40.576	ng		98
30) 1,2,4-Trichlorobenzene	10.69	180	264888	38.532	ng		97
31) Naphthalene	10.88	128	666415	42.416	ng		99
32) Benzoic acid	10.14	122	123245	41.088	ng		98
33) 4-Chloroaniline	10.98	127	298490	41.155	ng		99
34) Hexachlorobutadiene	11.16	225	167988	36.360	ng		99
35) Caprolactam	11.76	113	71792	38.415	ng		97
36) 4-Chloro-3-methylphenol	12.12	107	200079	37.632	ng		98
37) 2-Methylnaphthalene	12.49	142	509029	40.349	ng		99
38) 1-Methylnaphthalene	12.71	142	451885	37.710	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	276616	37.560	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	137984	35.668 ng		94
43) 2,4,6-Trichlorophenol	13.10	196	208057	41.795 ng		96
44) 2,4,5-Trichlorophenol	13.18	196	203399	39.429 ng		97
46) 1,1'-Biphenyl	13.50	154	599732	40.456 ng		99
47) 2-Chloronaphthalene	13.54	162	520848	40.747 ng		97
48) 2-Nitroaniline	13.74	65	123794	40.162 ng		99
49) Acenaphthylene	14.38	152	778978	40.507 ng		98
50) Dimethylphthalate	14.11	163	629773	38.059 ng		99
51) 2,6-Dinitrotoluene	14.23	165	149584	39.000 ng		98
52) Acenaphthene	14.73	154	481231	41.211 ng		100
53) 3-Nitroaniline	14.57	138	161379	42.071 ng		97
54) 2,4-Dinitrophenol	14.78	184	73684	32.530 ng		97
55) Dibenzofuran	15.06	168	765611	39.609 ng		99
56) 4-Nitrophenol	14.89	139	113887	41.783 ng		91
57) 2,4-Dinitrotoluene	15.03	165	210926	38.403 ng		98
58) Fluorene	15.71	166	618161	39.123 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	186123m	36.484 ng		
60) Diethylphthalate	15.48	149	630231	38.962 ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	354960	37.267 ng		99
62) 4-Nitroaniline	15.73	138	169006	41.167 ng		93
63) Azobenzene	16.00	77	459954	41.497 ng		97
65) 4,6-Dinitro-2-methylphenol	15.80	198	116668	38.549 ng		97
66) n-Nitrosodiphenylamine	15.92	169	588648	44.342 ng		99
67) 4-Bromophenyl-phenylether	16.60	248	240705	39.311 ng		97
68) Hexachlorobenzene	16.73	284	257151	38.633 ng	#	93
69) Atrazine	16.86	200	166698	35.509 ng		99
70) Pentachlorophenol	17.07	266	130213	37.651 ng		98
71) Phenanthrene	17.46	178	985249	41.090 ng		98
72) Anthracene	17.55	178	975000	40.732 ng		99
73) Carbazole	17.82	167	888279	41.638 ng		99
74) Di-n-butylphthalate	18.37	149	1034731	41.031 ng		99
75) Fluoranthene	19.47	202	1137411	38.869 ng		98
77) Benzidine	19.65	184	461979	36.684 ng		99
78) Pyrene	19.83	202	1135604	42.169 ng		98
80) Butylbenzylphthalate	20.71	149	565116	53.353 ng		94
81) Benzo(a)anthracene	21.67	228	1109988	41.541 ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	428925	39.914 ng		98
83) Chrysene	21.75	228	1096307	42.543 ng		98
84) Bis(2-ethylhexyl)phthalate	21.58	149	651867	44.325 ng		100
85) Di-n-octyl phthalate	22.80	149	1101151	43.534 ng		99
86) Indeno(1,2,3-cd)pyrene	28.66	276	1368056	39.066 ng	#	93
88) Benzo(b)fluoranthene	23.91	252	1147024	39.850 ng		98
89) Benzo(k)fluoranthene	23.98	252	1123251	40.599 ng		98
90) Benzo(a)pyrene	24.79	252	1118036	40.934 ng	#	98
91) Dibenzo(a,h)anthracene	28.71	278	1136186	41.085 ng		97
92) Benzo(g,h,i)perylene	29.82	276	1112117	40.208 ng		98

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

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