Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
Data File : BG042299.D
Acq On : 17 Aug 2019 23:09
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Jagrut
8/19/2019 2:19:50 PM

Quant Time: Aug 19 07:45:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:42:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	57447	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	238203	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	179979	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	420316	20.00	ng		0.00
76) Chrysene-d12	21.70	240	426627	20.00	ng		0.00
87) Perylene-d12	24.94	264	514473	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	243244	82.38	ng		0.00
7) Phenol-d6	7.17	99	320208	80.44	ng		0.00
23) Nitrobenzene-d5	9.17	82	280164	80.94	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	209643	102.55	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	881190	86.35	ng		0.00
79) Terphenyl-d14	20.03	244	1572066	84.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	48954	35.226	ng	#	79
3) Pyridine	3.83	79	129909	34.088	ng	#	76
4) n-Nitrosodimethylamine	3.75	42	45238	29.944	ng	#	67
6) Aniline	7.32	93	204070	36.408	ng		90
8) 2-Chlorophenol	7.57	128	144981	42.881	ng		87
9) Benzaldehyde	7.14	77	88995	31.773	ng		80
10) Phenol	7.19	94	164614	39.750	ng		96
11) bis(2-Chloroethyl)ether	7.42	93	127593	37.478	ng		85
12) 1,3-Dichlorobenzene	7.90	146	179572m	40.694	ng		
13) 1,4-Dichlorobenzene	8.04	146	180554	40.892	ng		94
14) 1,2-Dichlorobenzene	8.36	146	170302	40.421	ng		96
15) Benzyl Alcohol	8.25	79	109074	34.829	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.54	45	169724	28.021	ng		89
17) 2-Methylphenol	8.45	107	116499	38.682	ng		96
18) Hexachloroethane	9.10	117	59952	39.649	ng		87
19) n-Nitroso-di-n-propylamine	8.82	70	101172	35.008	ng	#	81
20) 3+4-Methylphenols	8.79	107	163760	39.734	ng		96
22) Acetophenone	8.83	105	207477	38.941	ng	#	87
24) Nitrobenzene	9.22	77	143972	39.481	ng		93
25) Isophorone	9.74	82	282759	37.552	ng		97
26) 2-Nitrophenol	9.94	139	92621	54.726	ng	#	85
27) 2,4-Dimethylphenol	10.00	122	121468	40.665	ng		98
28) bis(2-Chloroethoxy)methane	10.23	93	180563	38.373	ng		100
29) 2,4-Dichlorophenol	10.48	162	167585	46.070	ng		95
30) 1,2,4-Trichlorobenzene	10.70	180	197211	42.753	ng		97
31) Naphthalene	10.88	128	463669	42.531	ng		97
32) Benzoic acid	10.14	122	71317	36.072	ng		93
33) 4-Chloroaniline	10.98	127	206567	39.955	ng	#	93
34) Hexachlorobutadiene	11.17	225	129949	41.741	ng		98
35) Caprolactam	11.76	113	56165	44.429	ng	#	65
36) 4-Chloro-3-methylphenol	12.12	107	160856	44.604	ng		94
37) 2-Methylnaphthalene	12.49	142	371325	43.031	ng		98
38) 1-Methylnaphthalene	12.71	142	359541	43.966	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	234962	41.242	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	107093	33.435	ng		98
43) 2,4,6-Trichlorophenol	13.10	196	153683	42.680	ng		97
44) 2,4,5-Trichlorophenol	13.18	196	163714	43.752	ng	#	95
46) 1,1'-Biphenyl	13.50	154	479951	41.484	ng		95
47) 2-Chloronaphthalene	13.54	162	412531	41.880	ng		96
48) 2-Nitroaniline	13.74	65	98182	39.300	ng	#	73
49) Acenaphthylene	14.39	152	638682	43.346	ng		96
50) Dimethylphthalate	14.12	163	539037	43.854	ng		99
51) 2,6-Dinitrotoluene	14.23	165	127044	49.429	ng	#	78
52) Acenaphthene	14.73	154	380297	39.684	ng		99
53) 3-Nitroaniline	14.57	138	126720	46.085	ng	#	83
54) 2,4-Dinitrophenol	14.78	184	66443	49.993	ng	#	80
55) Dibenzofuran	15.07	168	638497	43.560	ng		92
56) 4-Nitrophenol	14.88	139	93643	44.865	ng	#	83
57) 2,4-Dinitrotoluene	15.03	165	182276	51.569	ng	#	83
58) Fluorene	15.72	166	526902	44.793	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	159091	42.928	ng	#	91
60) Diethylphthalate	15.48	149	521258	43.195	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	305506	42.542	ng		96
62) 4-Nitroaniline	15.73	138	138090	46.365	ng		90
63) Azobenzene	16.00	77	364235	36.949	ng		87
65) 4,6-Dinitro-2-methylphenol	15.80	198	100965	48.925	ng		80
66) n-Nitrosodiphenylamine	15.92	169	481377	42.045	ng		96
67) 4-Bromophenyl-phenylether	16.60	248	215145	41.554	ng		96
68) Hexachlorobenzene	16.73	284	232498	42.924	ng	#	88
69) Atrazine	16.87	200	122270	27.181	ng		99
70) Pentachlorophenol	17.07	266	120875	39.283	ng		97
71) Phenanthrene	17.46	178	871923	43.278	ng		93
72) Anthracene	17.55	178	873999	43.497	ng		94
73) Carbazole	17.82	167	790253	43.819	ng		93
74) Di-n-butylphthalate	18.38	149	917572	44.879	ng	#	94
75) Fluoranthene	19.47	202	1102448	45.018	ng		91
77) Benzidine	19.65	184	491536	35.298	ng		98
78) Pyrene	19.83	202	1104959	43.714	ng		92
80) Butylbenzylphthalate	20.71	149	432896	44.669	ng	#	86
81) Benzo(a)anthracene	21.68	228	1092583	43.286	ng		93
82) 3,3'-Dichlorobenzidine	21.59	252	425064	41.943	ng	#	98
83) Chrysene	21.74	228	1050570	43.420	ng		92
84) Bis(2-ethylhexyl)phthalate	21.58	149	595971	44.581	ng		97
85) Di-n-octyl phthalate	22.80	149	1022703	45.457	ng	#	86
86) Indeno(1,2,3-cd)pyrene	28.65	276	1389252	43.374	ng	#	94
88) Benzo(b)fluoranthene	23.91	252	1178720	41.882	ng	#	95
89) Benzo(k)fluoranthene	23.98	252	1134799	41.393	ng	#	94
90) Benzo(a)pyrene	24.79	252	1128629	41.813	ng	#	95
91) Dibenzo(a,h)anthracene	28.72	278	1125411	42.462	ng	#	94
92) Benzo(g,h,i)perylene	29.81	276	1120491	42.316	ng	#	95

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

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