Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061319\
Data File : BG041232.D
Acq On : 13 Jun 2019 22:04
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
6/17/2019 4:53:58 PM

Quant Time: Jun 14 09:08:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	45421	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	191359	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	136877	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	329994	20.00	ng		0.00
76) Chrysene-d12	21.76	240	340848	20.00	ng		0.00
87) Perylene-d12	25.09	264	338246	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	199703	79.28	ng		0.00
7) Phenol-d6	7.25	99	299843	77.08	ng		0.00
23) Nitrobenzene-d5	9.28	82	364389	84.54	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	159195	78.34	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	807514	84.96	ng		0.00
79) Terphenyl-d14	20.07	244	1371963	85.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	41751	36.527	ng		96
3) Pyridine	3.91	79	122493	36.217	ng		94
4) n-Nitrosodimethylamine	3.83	42	70225	44.738	ng		82
6) Aniline	7.43	93	200205	38.556	ng		97
8) 2-Chlorophenol	7.66	128	118460	39.447	ng		95
9) Benzaldehyde	7.24	77	99325	42.801	ng		94
10) Phenol	7.28	94	159512	38.243	ng		98
11) bis(2-Chloroethyl)ether	7.52	93	119756	39.577	ng		99
12) 1,3-Dichlorobenzene	7.99	146	149622	41.716	ng		95
13) 1,4-Dichlorobenzene	8.14	146	153300	42.226	ng		96
14) 1,2-Dichlorobenzene	8.46	146	143887	40.819	ng		97
15) Benzyl Alcohol	8.35	79	142181	39.511	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	192459	38.924	ng		97
17) 2-Methylphenol	8.54	107	115807	38.346	ng		98
18) Hexachloroethane	9.18	117	59788	42.728	ng		98
19) n-Nitroso-di-n-propylamine	8.91	70	115355	38.533	ng	#	97
20) 3+4-Methylphenols	8.88	107	161069	38.503	ng		96
22) Acetophenone	8.93	105	216563	40.344	ng	#	98
24) Nitrobenzene	9.33	77	183316	41.731	ng		97
25) Isophorone	9.84	82	324795	39.594	ng		98
26) 2-Nitrophenol	10.03	139	76471	42.228	ng	#	84
27) 2,4-Dimethylphenol	10.08	122	109908	36.748	ng		94
28) bis(2-Chloroethoxy)methane	10.32	93	172143	38.881	ng		98
29) 2,4-Dichlorophenol	10.57	162	148262	39.037	ng		93
30) 1,2,4-Trichlorobenzene	10.78	180	180764	41.838	ng		95
31) Naphthalene	10.97	128	418350	40.718	ng		98
32) Benzoic acid	10.23	122	76023m	35.283	ng		
33) 4-Chloroaniline	11.09	127	183811	38.558	ng		97
34) Hexachlorobutadiene	11.23	225	141886	42.919	ng		97
35) Caprolactam	11.90	113	46258	36.882	ng		88
36) 4-Chloro-3-methylphenol	12.20	107	160779	37.067	ng		97
37) 2-Methylnaphthalene	12.57	142	315096	39.820	ng		97
38) 1-Methylnaphthalene	12.57	142	315096	42.257	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	236635	42.893	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	105458	40.135	ng		97
43) 2,4,6-Trichlorophenol	13.17	196	148457	41.597	ng		97
44) 2,4,5-Trichlorophenol	13.25	196	148209	39.376	ng		93
46) 1,1'-Biphenyl	13.57	154	419560	41.410	ng		99
47) 2-Chloronaphthalene	13.62	162	365781	42.053	ng		99
48) 2-Nitroaniline	13.83	65	130327	41.766	ng		96
49) Acenaphthylene	14.46	152	533574	40.758	ng		99
50) Dimethylphthalate	14.19	163	460145	39.713	ng		99
51) 2,6-Dinitrotoluene	14.32	165	99640	39.885	ng		98
52) Acenaphthene	14.80	154	313315	39.507	ng		97
53) 3-Nitroaniline	14.65	138	98428	39.401	ng		99
54) 2,4-Dinitrophenol	14.86	184	33170	36.115	ng		94
55) Dibenzofuran	15.13	168	537210	40.258	ng		99
56) 4-Nitrophenol	14.95	139	60413	35.258	ng		94
57) 2,4-Dinitrotoluene	15.10	165	140248	39.743	ng	#	96
58) Fluorene	15.78	166	418775	39.406	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	144674	39.112	ng		99
60) Diethylphthalate	15.53	149	462476	39.112	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	273073	39.533	ng		97
62) 4-Nitroaniline	15.81	138	102475	38.748	ng		95
63) Azobenzene	16.06	77	415792	38.688	ng		97
65) 4,6-Dinitro-2-methylphenol	15.86	198	68537	40.412	ng		98
66) n-Nitrosodiphenylamine	15.98	169	376101	40.543	ng		98
67) 4-Bromophenyl-phenylether	16.66	248	177736	39.910	ng		97
68) Hexachlorobenzene	16.77	284	186823	39.396	ng		98
69) Atrazine	16.93	200	140152	39.155	ng		98
70) Pentachlorophenol	17.12	266	90299	37.910	ng		97
71) Phenanthrene	17.52	178	709675	41.287	ng		99
72) Anthracene	17.61	178	713975	42.115	ng		100
73) Carbazole	17.89	167	618888	42.546	ng		98
74) Di-n-butylphthalate	18.41	149	753811	41.695	ng		98
75) Fluoranthene	19.52	202	922602	43.455	ng		99
77) Benzidine	19.71	184	263319	32.384	ng		98
78) Pyrene	19.89	202	934677	42.184	ng		99
80) Butylbenzylphthalate	20.75	149	362216	42.007	ng		99
81) Benzo(a)anthracene	21.74	228	943615	41.589	ng		100
82) 3,3'-Dichlorobenzidine	21.65	252	315936	39.590	ng		99
83) Chrysene	21.81	228	903761	41.624	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	496829	40.931	ng		99
85) Di-n-octyl phthalate	22.84	149	838565	41.481	ng		100
86) Indeno(1,2,3-cd)pyrene	28.91	276	760259m	28.584	ng		
88) Benzo(b)fluoranthene	24.02	252	840554	40.971	ng		100
89) Benzo(k)fluoranthene	24.09	252	913639	45.003	ng		98
90) Benzo(a)pyrene	24.93	252	810552	41.411	ng		98
91) Dibenzo(a,h)anthracene	28.96	278	626550m	32.035	ng		
92) Benzo(g,h,i)perylene	30.11	276	623809m	32.830	ng		

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

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