Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061019\
Data File : BG041163.D
Acq On : 10 Jun 2019 15:05
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
mohammad
6/14/2019 8:39:53 AM

Quant Time: Jun 11 04:22:12 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	8.11	152	47527	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	204575	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	153234	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	374908	20.00	ng		0.00
76) Chrysene-d12	21.76	240	373453	20.00	ng		0.00
87) Perylene-d12	25.09	264	400413	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	241909	91.78	ng		0.00
7) Phenol-d6	7.25	99	372462	91.50	ng		0.00
23) Nitrobenzene-d5	9.29	82	415649	90.20	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	207785	91.34	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	946876	88.99	ng		0.00
79) Terphenyl-d14	20.08	244	1435754	81.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	49804	41.642	ng		99
3) Pyridine	3.91	79	147184	41.589	ng		95
4) n-Nitrosodimethylamine	3.83	42	75957	46.245	ng		86
6) Aniline	7.43	93	231716	42.647	ng		99
8) 2-Chlorophenol	7.66	128	139307	44.334	ng		92
9) Benzaldehyde	7.24	77	119244	49.108	ng		91
10) Phenol	7.28	94	188967	43.297	ng		98
11) bis(2-Chloroethyl)ether	7.52	93	136062	42.974	ng		99
12) 1,3-Dichlorobenzene	7.99	146	165187	44.015	ng		100
13) 1,4-Dichlorobenzene	8.14	146	168572	44.375	ng		95
14) 1,2-Dichlorobenzene	8.46	146	161377	43.752	ng		93
15) Benzyl Alcohol	8.34	79	166609	44.247	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	214757	41.509	ng		97
17) 2-Methylphenol	8.53	107	135108	42.755	ng		99
18) Hexachloroethane	9.19	117	66316	45.294	ng		97
19) n-Nitroso-di-n-propylamine	8.91	70	133377	42.578	ng		99
20) 3+4-Methylphenols	8.87	107	187702	42.881	ng		99
22) Acetophenone	8.93	105	252698	44.034	ng	#	99
24) Nitrobenzene	9.33	77	210748	44.877	ng		99
25) Isophorone	9.84	82	377727	43.071	ng		98
26) 2-Nitrophenol	10.03	139	92588	47.824	ng		93
27) 2,4-Dimethylphenol	10.08	122	138323	43.261	ng		96
28) bis(2-Chloroethoxy)methane	10.32	93	202684	42.821	ng		98
29) 2,4-Dichlorophenol	10.57	162	176161	43.386	ng		95
30) 1,2,4-Trichlorobenzene	10.78	180	209138	45.278	ng		98
31) Naphthalene	10.98	128	484267	44.089	ng		99
32) Benzoic acid	10.23	122	105744m	43.458	ng		
33) 4-Chloroaniline	11.09	127	226726	44.488	ng		95
34) Hexachlorobutadiene	11.24	225	157368	44.527	ng		97
35) Caprolactam	11.89	113	52124	38.875	ng		94
36) 4-Chloro-3-methylphenol	12.20	107	199237	42.965	ng		99
37) 2-Methylnaphthalene	12.58	142	365732	43.233	ng		99
38) 1-Methylnaphthalene	12.79	142	348823	43.758	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	276524	44.773	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	135019	44.718	ng		97
43) 2,4,6-Trichlorophenol	13.18	196	176448	44.162	ng		94
44) 2,4,5-Trichlorophenol	13.25	196	179826	42.676	ng		98
46) 1,1'-Biphenyl	13.58	154	503032	44.349	ng		98
47) 2-Chloronaphthalene	13.62	162	442634	45.457	ng		100
48) 2-Nitroaniline	13.83	65	160069	45.822	ng		98
49) Acenaphthylene	14.47	152	644168	43.954	ng		100
50) Dimethylphthalate	14.19	163	563689	43.457	ng		99
51) 2,6-Dinitrotoluene	14.32	165	125185	44.761	ng		96
52) Acenaphthene	14.80	154	388196	43.724	ng		95
53) 3-Nitroaniline	14.65	138	123499	44.160	ng		99
54) 2,4-Dinitrophenol	14.86	184	46301	42.001	ng		94
55) Dibenzofuran	15.14	168	662680	44.359	ng		98
56) 4-Nitrophenol	14.94	139	86753	45.225	ng		95
57) 2,4-Dinitrotoluene	15.10	165	178947	45.296	ng	#	98
58) Fluorene	15.78	166	513689	43.177	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	178891	43.200	ng		98
60) Diethylphthalate	15.54	149	569502	43.022	ng		98
61) 4-Chlorophenyl-phenylether	15.77	204	340028	43.971	ng		97
62) 4-Nitroaniline	15.82	138	133698	45.157	ng		95
63) Azobenzene	16.06	77	518766	43.117	ng		97
65) 4,6-Dinitro-2-methylphenol	15.86	198	95331	47.550	ng		94
66) n-Nitrosodiphenylamine	15.98	169	467638	44.372	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	221069	43.694	ng		97
68) Hexachlorobenzene	16.78	284	235420	43.697	ng		98
69) Atrazine	16.92	200	176449	43.390	ng		97
70) Pentachlorophenol	17.12	266	117514	42.807	ng		98
71) Phenanthrene	17.53	178	871268	44.615	ng		99
72) Anthracene	17.62	178	862198	44.766	ng		99
73) Carbazole	17.89	167	755331	45.705	ng		98
74) Di-n-butylphthalate	18.42	149	922169	44.896	ng		99
75) Fluoranthene	19.53	202	1085808	45.015	ng		99
77) Benzidine	19.71	184	432196	48.513	ng		96
78) Pyrene	19.89	202	1091096	44.944	ng		99
80) Butylbenzylphthalate	20.76	149	430616	45.580	ng		97
81) Benzo(a)anthracene	21.74	228	1098438	44.186	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	407414	46.596	ng		100
83) Chrysene	21.81	228	1046315	43.982	ng		98
84) Bis(2-ethylhexyl)phthalate	21.61	149	586309	44.085	ng		99
85) Di-n-octyl phthalate	22.85	149	989073	44.654	ng		100
86) Indeno(1,2,3-cd)pyrene	28.92	276	1212423	41.605	ng	#	98
88) Benzo(b)fluoranthene	24.03	252	1064769	43.842	ng		99
89) Benzo(k)fluoranthene	24.10	252	1065538	44.336	ng		99
90) Benzo(a)pyrene	24.94	252	1029724	44.440	ng		96
91) Dibenzo(a,h)anthracene	28.99	278	999576	43.173	ng		100
92) Benzo(g,h,i)perylene	30.13	276	924168	41.086	ng		96

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

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