Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
Data File : BG045355.D
Acq On : 13 May 2020 10:20
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/14/2020 11:54:13 AM

Quant Time: May 13 11:42:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 11:40:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	79656	20.00	ng		0.00
21) Naphthalene-d8	10.78	136	304449	20.00	ng		0.00
39) Acenaphthene-d10	14.62	164	216274	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	520837	20.00	ng		0.00
76) Chrysene-d12	21.62	240	480496	20.00	ng		0.00
87) Perylene-d12	24.79	264	538992	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	380802	78.92	ng		0.00
7) Phenol-d6	7.14	99	541712	75.57	ng		0.00
23) Nitrobenzene-d5	9.13	82	530898	79.57	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	259088	77.54	ng		0.00
45) 2-Fluorobiphenyl	13.24	172	1178037	79.87	ng		0.00
79) Terphenyl-d14	19.98	244	1859119	84.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	87419	40.769	ng		99
3) Pyridine	3.83	79	250757	37.982	ng		93
4) n-Nitrosodimethylamine	3.74	42	80382	39.744	ng	#	95
6) Aniline	7.29	93	342351	36.731	ng		99
8) 2-Chlorophenol	7.54	128	195808	37.761	ng		99
9) Benzaldehyde	7.10	77	155281	37.820	ng		96
10) Phenol	7.17	94	273082	38.068	ng		99
11) bis(2-Chloroethyl)ether	7.39	93	201775	35.329	ng		98
12) 1,3-Dichlorobenzene	7.86	146	232166	37.996	ng		97
13) 1,4-Dichlorobenzene	8.01	146	230103	37.793	ng		99
14) 1,2-Dichlorobenzene	8.33	146	221197	37.975	ng		94
15) Benzyl Alcohol	8.21	79	218628	36.376	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.50	45	192942	34.415	ng		96
17) 2-Methylphenol	8.42	107	196990	35.592	ng		97
18) Hexachloroethane	9.06	117	88042	38.465	ng		99
19) n-Nitroso-di-n-propylamine	8.78	70	176236	34.763	ng		95
20) 3+4-Methylphenols	8.75	107	274762	35.467	ng		98
22) Acetophenone	8.80	105	316132	38.398	ng		97
24) Nitrobenzene	9.17	77	270509	39.552	ng		96
25) Isophorone	9.70	82	511738	37.452	ng		98
26) 2-Nitrophenol	9.89	139	116295	39.475	ng		99
27) 2,4-Dimethylphenol	9.95	122	179336	38.365	ng		92
28) bis(2-Chloroethoxy)methane	10.18	93	259218	36.107	ng		100
29) 2,4-Dichlorophenol	10.43	162	211349	39.156	ng		98
30) 1,2,4-Trichlorobenzene	10.65	180	241986	39.597	ng		96
31) Naphthalene	10.83	128	651128	39.096	ng		99
32) Benzoic acid	10.12	122	122181	34.433	ng		94
33) 4-Chloroaniline	10.93	127	280155	36.069	ng		98
34) Hexachlorobutadiene	11.13	225	166632	39.769	ng		98
35) Caprolactam	11.70	113	73024	33.993	ng		93
36) 4-Chloro-3-methylphenol	12.07	107	241950	38.158	ng		97
37) 2-Methylnaphthalene	12.44	142	485691	37.571	ng		98
38) 1-Methylnaphthalene	12.66	142	458412	37.563	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	277359	39.831	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	152870	35.124	ng		98
43) 2,4,6-Trichlorophenol	13.05	196	191341	38.934	ng		95
44) 2,4,5-Trichlorophenol	13.12	196	219390	39.218	ng		98
46) 1,1'-Biphenyl	13.45	154	637164	38.761	ng		99
47) 2-Chloronaphthalene	13.49	162	489479	38.970	ng		97
48) 2-Nitroaniline	13.69	65	162375	39.291	ng		98
49) Acenaphthylene	14.33	152	786989	38.466	ng		99
50) Dimethylphthalate	14.07	163	672612	38.195	ng		100
51) 2,6-Dinitrotoluene	14.18	165	153371	38.938	ng		96
52) Acenaphthene	14.68	154	539861m	39.000	ng		
53) 3-Nitroaniline	14.52	138	160183	37.079	ng		99
54) 2,4-Dinitrophenol	14.72	184	93526	39.931	ng		94
55) Dibenzofuran	15.02	168	783908	38.843	ng		100
56) 4-Nitrophenol	14.83	139	123115	36.755	ng		94
57) 2,4-Dinitrotoluene	14.97	165	222230	38.607	ng	#	99
58) Fluorene	15.66	166	648583	39.345	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.25	232	192342	38.642	ng		99
60) Diethylphthalate	15.43	149	698716	38.056	ng		99
61) 4-Chlorophenyl-phenylether	15.66	204	375071	39.529	ng		98
62) 4-Nitroaniline	15.68	138	160926	35.915	ng		89
63) Azobenzene	15.95	77	664614	39.263	ng		97
65) 4,6-Dinitro-2-methylphenol	15.74	198	138142	40.351	ng		93
66) n-Nitrosodiphenylamine	15.87	169	569845	38.079	ng		100
67) 4-Bromophenyl-phenylether	16.56	248	257010	38.250	ng		98
68) Hexachlorobenzene	16.68	284	271756	38.997	ng		98
69) Atrazine	16.82	200	189638	33.526	ng		97
70) Pentachlorophenol	17.02	266	146489	34.266	ng		98
71) Phenanthrene	17.41	178	1039285	38.831	ng		100
72) Anthracene	17.50	178	1044018	38.887	ng		99
73) Carbazole	17.77	167	1017016	37.329	ng		97
74) Di-n-butylphthalate	18.33	149	1188127	39.292	ng		99
75) Fluoranthene	19.42	202	1281983	40.076	ng		98
77) Benzidine	19.59	184	565730	39.987	ng		98
78) Pyrene	19.77	202	1272948	38.428	ng		99
80) Butylbenzylphthalate	20.67	149	545830	39.752	ng		99
81) Benzo(a)anthracene	21.61	228	1234403	39.637	ng		99
82) 3,3'-Dichlorobenzidine	21.52	252	483158	38.978	ng		99
83) Chrysene	21.67	228	1192141	39.841	ng		100
84) Bis(2-ethylhexyl)phthalate	21.52	149	749521	39.689	ng		97
85) Di-n-octyl phthalate	22.71	149	1305530	39.977	ng		100
86) Indeno(1,2,3-cd)pyrene	28.38	276	1567732	39.462	ng	#	97
88) Benzo(b)fluoranthene	23.79	252	1352104	40.048	ng		98
89) Benzo(k)fluoranthene	23.85	252	1248274	38.878	ng		99
90) Benzo(a)pyrene	24.64	252	1251010	39.245	ng		99
91) Dibenzo(a,h)anthracene	28.44	278	1253156	39.014	ng		97
92) Benzo(g,h,i)perylene	29.50	276	1253078	38.912	ng		99

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

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