Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052020\
Data File : BG045436.D
Acq On : 20 May 2020 15:25
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
5/21/2020 10:23:24 AM

Quant Time: May 20 16:01:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 20 14:43:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	80724	20.00	ng		0.00
21) Naphthalene-d8	10.78	136	337541	20.00	ng		0.00
39) Acenaphthene-d10	14.61	164	246486	20.00	ng		0.00
64) Phenanthrene-d10	17.36	188	591128	20.00	ng		0.00
76) Chrysene-d12	21.62	240	553801	20.00	ng		0.00
87) Perylene-d12	24.77	264	620078	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	342796	82.99	ng		0.00
7) Phenol-d6	7.19	99	499344	84.94	ng		0.00
23) Nitrobenzene-d5	9.13	82	490091	79.18	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	248029	78.68	ng		0.00
45) 2-Fluorobiphenyl	13.23	172	1155874	79.54	ng		0.00
79) Terphenyl-d14	19.97	244	1901437	80.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	77221	37.70	ng		97
3) Pyridine	3.82	79	235517	41.28	ng		93
4) n-Nitrosodimethylamine	3.73	42	72395	38.78	ng	#	96
6) Aniline	7.30	93	320993	41.83	ng		97
8) 2-Chlorophenol	7.55	128	189155	41.76	ng		99
9) Benzaldehyde	7.10	77	157660	41.16	ng		93
10) Phenol	7.22	94	257806	42.55	ng		95
11) bis(2-Chloroethyl)ether	7.39	93	195534	41.37	ng		99
12) 1,3-Dichlorobenzene	7.86	146	224493	41.24	ng		97
13) 1,4-Dichlorobenzene	8.00	146	222417	41.40	ng		94
14) 1,2-Dichlorobenzene	8.32	146	214750	41.56	ng		97
15) Benzyl Alcohol	8.22	79	204469	42.10	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.50	45	188458	42.01	ng		99
17) 2-Methylphenol	8.46	107	196989	43.44	ng		99
18) Hexachloroethane	9.06	117	83170	40.42	ng		89
19) n-Nitroso-di-n-propylamine	8.77	70	178333	43.87	ng		99
20) 3+4-Methylphenols	8.79	107	258091m	41.79	ng		
22) Acetophenone	8.79	105	325560	40.69	ng	#	93
24) Nitrobenzene	9.17	77	260733	39.32	ng		98
25) Isophorone	9.70	82	491975	40.36	ng		97
26) 2-Nitrophenol	9.88	139	116208	40.96	ng		93
27) 2,4-Dimethylphenol	9.98	122	173645	41.27	ng		97
28) bis(2-Chloroethoxy)methane	10.18	93	260133	40.69	ng		98
29) 2,4-Dichlorophenol	10.45	162	207809	41.82	ng		97
30) 1,2,4-Trichlorobenzene	10.64	180	237675	40.48	ng		95
31) Naphthalene	10.82	128	633936	40.30	ng		99
32) Benzoic acid	10.17	122	137790	48.12	ng		97
33) 4-Chloroaniline	10.94	127	278180	42.31	ng		97
34) Hexachlorobutadiene	11.12	225	168868	40.69	ng		98
35) Caprolactam	11.71	113	74658	40.94	ng		91
36) 4-Chloro-3-methylphenol	12.11	107	237050	42.34	ng		97
37) 2-Methylnaphthalene	12.43	142	488502	41.67	ng		98
38) 1-Methylnaphthalene	12.65	142	454374	41.03	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	269652	39.17	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	157003	39.51	ng		96
43) 2,4,6-Trichlorophenol	13.06	196	189018	39.52	ng		98
44) 2,4,5-Trichlorophenol	13.16	196	221722	40.57	ng		97
46) 1,1'-Biphenyl	13.44	154	596493	39.38	ng		99
47) 2-Chloronaphthalene	13.49	162	488793	39.74	ng		99
48) 2-Nitroaniline	13.70	65	154852	38.28	ng		89
49) Acenaphthylene	14.33	152	791948	40.09	ng		98
50) Dimethylphthalate	14.07	163	666071	39.39	ng		98
51) 2,6-Dinitrotoluene	14.18	165	149937	39.30	ng		94
52) Acenaphthene	14.68	154	466672	35.29	ng		99
53) 3-Nitroaniline	14.53	138	154112	39.73	ng		98
54) 2,4-Dinitrophenol	14.72	184	82535	36.23	ng		92
55) Dibenzofuran	15.01	168	776591	39.55	ng		97
56) 4-Nitrophenol	14.90	139	114357	38.94	ng		98
57) 2,4-Dinitrotoluene	14.98	165	217397	39.34	ng		91
58) Fluorene	15.66	166	648166	40.18	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.25	232	188164	39.13	ng		99
60) Diethylphthalate	15.43	149	680591	38.67	ng		98
61) 4-Chlorophenyl-phenylether	15.65	204	374891	40.61	ng		98
62) 4-Nitroaniline	15.69	138	164368	40.59	ng		97
63) Azobenzene	15.95	77	630583	38.43	ng		98
65) 4,6-Dinitro-2-methylphenol	15.74	198	133015	38.64	ng		97
66) n-Nitrosodiphenylamine	15.87	169	563990	39.74	ng		97
67) 4-Bromophenyl-phenylether	16.55	248	263437	41.16	ng		96
68) Hexachlorobenzene	16.67	284	273105	40.79	ng		96
69) Atrazine	16.82	200	227095	38.85	ng		98
70) Pentachlorophenol	17.03	266	121780	35.03	ng		97
71) Phenanthrene	17.40	178	1020343	39.54	ng		100
72) Anthracene	17.49	178	1023747	39.50	ng		98
73) Carbazole	17.77	167	1000570	39.61	ng		99
74) Di-n-butylphthalate	18.32	149	1164027	38.39	ng		98
75) Fluoranthene	19.41	202	1276199	38.88	ng		99
77) Benzidine	19.59	184	532067	34.21	ng		99
78) Pyrene	19.77	202	1273324	40.33	ng		99
80) Butylbenzylphthalate	20.66	149	541190	39.72	ng		98
81) Benzo(a)anthracene	21.60	228	1235653	40.05	ng		99
82) 3,3'-Dichlorobenzidine	21.52	252	482527	39.87	ng		99
83) Chrysene	21.66	228	1193781	40.24	ng		99
84) Bis(2-ethylhexyl)phthalate	21.52	149	748613	39.97	ng		99
85) Di-n-octyl phthalate	22.70	149	1275959	39.66	ng		99
86) Indeno(1,2,3-cd)pyrene	28.35	276	1553059	40.04	ng	#	95
88) Benzo(b)fluoranthene	23.77	252	1316814	39.60	ng		98
89) Benzo(k)fluoranthene	23.84	252	1278418	40.92	ng		100
90) Benzo(a)pyrene	24.62	252	1245070	40.20	ng		97
91) Dibenzo(a,h)anthracene	28.41	278	1245241	40.01	ng		98
92) Benzo(g,h,i)perylene	29.48	276	1236518	39.72	ng		97

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

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