Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052020\
Data File : BG045433.D
Acq On : 20 May 2020 10:55
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
5/21/2020 10:23:16 AM

Quant Time: May 20 14:44:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 19 12:10:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	83780	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	350421	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	265307	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	631946	20.00	ng		0.00
76) Chrysene-d12	21.62	240	566009	20.00	ng		0.00
87) Perylene-d12	24.77	264	625589	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	350335	81.72	ng		0.00
7) Phenol-d6	7.19	99	513421	84.14	ng		-0.01
23) Nitrobenzene-d5	9.12	82	507324	78.95	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	266980	78.69	ng		0.00
45) 2-Fluorobiphenyl	13.23	172	1199562	76.69	ng		0.00
79) Terphenyl-d14	19.97	244	1955233	80.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	80580	37.90	ng		97
3) Pyridine	3.81	79	235717	39.81	ng		98
4) n-Nitrosodimethylamine	3.72	42	72182	37.26	ng		93
6) Aniline	7.29	93	329321	41.35	ng		99
8) 2-Chlorophenol	7.55	128	193763	41.22	ng		98
9) Benzaldehyde	7.10	77	165559	41.65	ng		95
10) Phenol	7.21	94	263961	41.97	ng		97
11) bis(2-Chloroethyl)ether	7.38	93	208634	42.53	ng		99
12) 1,3-Dichlorobenzene	7.85	146	228690	40.48	ng		97
13) 1,4-Dichlorobenzene	7.99	146	228886	41.05	ng		94
14) 1,2-Dichlorobenzene	8.32	146	223086	41.60	ng		97
15) Benzyl Alcohol	8.22	79	214202	42.50	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.49	45	191949	41.23	ng		97
17) 2-Methylphenol	8.45	107	202441	43.01	ng		95
18) Hexachloroethane	9.05	117	87434	40.95	ng		93
19) n-Nitroso-di-n-propylamine	8.77	70	185333	43.92	ng		98
20) 3+4-Methylphenols	8.78	107	272972	42.59	ng	#	56
22) Acetophenone	8.78	105	341002	41.06	ng		94
24) Nitrobenzene	9.17	77	271033	39.37	ng		99
25) Isophorone	9.69	82	524562	41.45	ng		97
26) 2-Nitrophenol	9.88	139	122574	41.62	ng	#	87
27) 2,4-Dimethylphenol	9.97	122	186321	42.65	ng		99
28) bis(2-Chloroethoxy)methane	10.17	93	282797	42.61	ng		97
29) 2,4-Dichlorophenol	10.45	162	215379	41.75	ng		98
30) 1,2,4-Trichlorobenzene	10.63	180	247462	40.60	ng		99
31) Naphthalene	10.82	128	664765	40.71	ng		99
32) Benzoic acid	10.16	122	151084	50.26	ng		94
33) 4-Chloroaniline	10.94	127	297663	43.61	ng		97
34) Hexachlorobutadiene	11.11	225	170193	39.50	ng		97
35) Caprolactam	11.71	113	80334	42.43	ng		93
36) 4-Chloro-3-methylphenol	12.11	107	249586	42.94	ng		97
37) 2-Methylnaphthalene	12.43	142	506476	41.61	ng		96
38) 1-Methylnaphthalene	12.65	142	474544	41.28	ng		94
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	279806	37.76	ng		100

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 19 12:10:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	164542	38.47	ng		97
43) 2,4,6-Trichlorophenol	13.06	196	203004	39.44	ng		96
44) 2,4,5-Trichlorophenol	13.15	196	234755	39.91	ng		98
46) 1,1'-Biphenyl	13.44	154	636033	39.02	ng		99
47) 2-Chloronaphthalene	13.48	162	518203	39.15	ng		99
48) 2-Nitroaniline	13.69	65	169290	38.88	ng		88
49) Acenaphthylene	14.33	152	838416	39.43	ng		99
50) Dimethylphthalate	14.06	163	716963	39.39	ng		99
51) 2,6-Dinitrotoluene	14.18	165	163089	39.71	ng		93
52) Acenaphthene	14.67	154	500811	35.19	ng		98
53) 3-Nitroaniline	14.52	138	169406	40.58	ng		91
54) 2,4-Dinitrophenol	14.72	184	90306	36.74	ng		94
55) Dibenzofuran	15.01	168	833171	39.42	ng		98
56) 4-Nitrophenol	14.90	139	125033	39.56	ng		98
57) 2,4-Dinitrotoluene	14.97	165	236202	39.71	ng		99
58) Fluorene	15.66	166	687202	39.57	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.25	232	205943	39.79	ng		96
60) Diethylphthalate	15.43	149	738540	38.99	ng		99
61) 4-Chlorophenyl-phenylether	15.65	204	393780	39.63	ng		99
62) 4-Nitroaniline	15.69	138	176406	40.48	ng		90
63) Azobenzene	15.94	77	682397	38.63	ng		98
65) 4,6-Dinitro-2-methylphenol	15.74	198	138741	37.70	ng		94
66) n-Nitrosodiphenylamine	15.87	169	604670	39.85	ng		98
67) 4-Bromophenyl-phenylether	16.54	248	276757	40.44	ng		95
68) Hexachlorobenzene	16.67	284	290826	40.63	ng		97
69) Atrazine	16.82	200	246559	39.45	ng		97
70) Pentachlorophenol	17.02	266	126226	33.97	ng		98
71) Phenanthrene	17.40	178	1098427	39.82	ng		99
72) Anthracene	17.49	178	1107877	39.99	ng		98
73) Carbazole	17.76	167	1067490	39.53	ng		99
74) Di-n-butylphthalate	18.32	149	1251720	38.62	ng		98
75) Fluoranthene	19.41	202	1338767	38.15	ng		98
77) Benzidine	19.59	184	582184	36.62	ng		98
78) Pyrene	19.77	202	1349076	41.81	ng		99
80) Butylbenzylphthalate	20.65	149	577525	41.47	ng		99
81) Benzo(a)anthracene	21.59	228	1277706	40.52	ng		99
82) 3,3'-Dichlorobenzidine	21.51	252	489153	39.55	ng		99
83) Chrysene	21.66	228	1227602	40.49	ng		98
84) Bis(2-ethylhexyl)phthalate	21.51	149	774724	40.47	ng		98
85) Di-n-octyl phthalate	22.70	149	1318994	40.12	ng		100
86) Indeno(1,2,3-cd)pyrene	28.35	276	1564595	39.46	ng	#	95
88) Benzo(b)fluoranthene	23.77	252	1355535m	40.40	ng		
89) Benzo(k)fluoranthene	23.84	252	1285115	40.77	ng		99
90) Benzo(a)pyrene	24.62	252	1272680	40.73	ng	#	97
91) Dibenzo(a,h)anthracene	28.41	278	1258874	40.09	ng		98
92) Benzo(g,h,i)perylene	29.47	276	1242376	39.56	ng		97

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

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