Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
Data File : BG045308.D
Acq On : 11 May 2020 22:44
Operator : CG/JU
Sample : PB128752BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB128752BS

Manual Integrations APPROVED
mohammad
5/13/2020 8:15:16 AM

Quant Time: May 12 01:45:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 11 13:27:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	72957	20.00	ng		0.00
21) Naphthalene-d8	10.78	136	288098	20.00	ng		0.00
39) Acenaphthene-d10	14.62	164	201979	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	466194	20.00	ng		0.00
76) Chrysene-d12	21.63	240	437167	20.00	ng		-0.01
87) Perylene-d12	24.79	264	498261	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	494070	111.80	ng		0.00
7) Phenol-d6	7.15	99	682352	103.93	ng		0.00
23) Nitrobenzene-d5	9.13	82	433583	68.67	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	310336	99.46	ng		0.00
45) 2-Fluorobiphenyl	13.24	172	970563	70.46	ng		0.00
79) Terphenyl-d14	19.98	244	1592917	79.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	69268	35.27	ng		96
3) Pyridine	3.83	79	156899	25.95	ng		94
4) n-Nitrosodimethylamine	3.74	42	68078	36.75	ng		90
6) Aniline	7.29	93	256331	30.03	ng		98
8) 2-Chlorophenol	7.54	128	181443	38.20	ng		96
9) Benzaldehyde	7.11	77	135929	35.50	ng		96
10) Phenol	7.17	94	241146	36.70	ng		97
11) bis(2-Chloroethyl)ether	7.39	93	168992	32.31	ng		97
12) 1,3-Dichlorobenzene	7.86	146	198274	35.43	ng		98
13) 1,4-Dichlorobenzene	8.01	146	195689	35.09	ng		95
14) 1,2-Dichlorobenzene	8.33	146	185363	34.74	ng		96
15) Benzyl Alcohol	8.21	79	182346	33.13	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.50	45	157179	30.61	ng		97
17) 2-Methylphenol	8.42	107	163809	32.31	ng		96
18) Hexachloroethane	9.06	117	74835	35.70	ng		98
19) n-Nitroso-di-n-propylamine	8.78	70	144986	31.23	ng		98
20) 3+4-Methylphenols	8.75	107	222231	31.32	ng		99
22) Acetophenone	8.80	105	276497	35.49	ng	#	99
24) Nitrobenzene	9.18	77	223670	34.56	ng		93
25) Isophorone	9.70	82	412451	31.90	ng		98
26) 2-Nitrophenol	9.89	139	102315	36.70	ng		97
27) 2,4-Dimethylphenol	9.96	122	169249	38.26	ng		95
28) bis(2-Chloroethoxy)methane	10.18	93	229567	33.79	ng		99
29) 2,4-Dichlorophenol	10.44	162	184392	36.10	ng		99
30) 1,2,4-Trichlorobenzene	10.65	180	204433	35.35	ng		94
31) Naphthalene	10.84	128	554888	35.21	ng		99
32) Benzoic acid	10.10	122	87229	27.54	ng		94
33) 4-Chloroaniline	10.94	127	165116	22.46	ng		99
34) Hexachlorobutadiene	11.13	225	138726	34.99	ng		99
35) Caprolactam	11.69	113	67789m	33.35	ng		
36) 4-Chloro-3-methylphenol	12.07	107	208094	34.68	ng		99
37) 2-Methylnaphthalene	12.44	142	414536	33.89	ng		91
38) 1-Methylnaphthalene	12.66	142	391002	33.86	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	231832	35.65	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	323800	79.66	ng		95
43) 2,4,6-Trichlorophenol	13.05	196	164043	35.74	ng		95
44) 2,4,5-Trichlorophenol	13.13	196	170971	32.73	ng		99
46) 1,1'-Biphenyl	13.45	154	532412	34.68	ng		98
47) 2-Chloronaphthalene	13.49	162	403531	34.40	ng		99
48) 2-Nitroaniline	13.69	65	129624	33.59	ng		99
49) Acenaphthylene	14.34	152	678413	35.51	ng		100
50) Dimethylphthalate	14.07	163	541956	32.95	ng		99
51) 2,6-Dinitrotoluene	14.19	165	127048	34.54	ng		97
52) Acenaphthene	14.68	154	477085m	36.90	ng		
53) 3-Nitroaniline	14.51	138	92696	22.98	ng		100
54) 2,4-Dinitrophenol	14.73	184	126934	58.03	ng		98
55) Dibenzofuran	15.02	168	653407	34.67	ng		98
56) 4-Nitrophenol	14.84	139	205493	65.69	ng		96
57) 2,4-Dinitrotoluene	14.98	165	178258	33.16	ng		96
58) Fluorene	15.67	166	530690	34.47	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.25	232	168297	36.20	ng		97
60) Diethylphthalate	15.44	149	568202	33.14	ng		98
61) 4-Chlorophenyl-phenylether	15.66	204	294078	33.19	ng		98
62) 4-Nitroaniline	15.68	138	126979	30.34	ng		96
63) Azobenzene	15.95	77	535834	33.90	ng		98
65) 4,6-Dinitro-2-methylphenol	15.75	198	107727	35.16	ng		98
66) n-Nitrosodiphenylamine	15.88	169	472036	35.24	ng		98
67) 4-Bromophenyl-phenylether	16.55	248	198985	33.09	ng		93
68) Hexachlorobenzene	16.68	284	222165	35.62	ng		96
69) Atrazine	16.82	200	180408	35.97	ng		97
70) Pentachlorophenol	17.02	266	245338	64.12	ng		99
71) Phenanthrene	17.41	178	853142	35.61	ng		99
72) Anthracene	17.50	178	880011	36.62	ng		99
73) Carbazole	17.77	167	811669	33.28	ng		97
74) Di-n-butylphthalate	18.33	149	963512	34.94	ng		98
75) Fluoranthene	19.42	202	1069415	36.86	ng		98
77) Benzidine	19.60	184	661908	53.38	ng		97
78) Pyrene	19.78	202	1061139	35.21	ng		98
80) Butylbenzylphthalate	20.67	149	430342	34.45	ng		99
81) Benzo(a)anthracene	21.61	228	1031035	36.39	ng		99
82) 3,3'-Dichlorobenzidine	21.52	252	266188	23.60	ng		97
83) Chrysene	21.68	228	971795	35.70	ng		98
84) Bis(2-ethylhexyl)phthalate	21.53	149	609530	35.48	ng		98
85) Di-n-octyl phthalate	22.73	149	1045420	35.19	ng		100
86) Indeno(1,2,3-cd)pyrene	28.40	276	1295422	35.84	ng	#	95
88) Benzo(b)fluoranthene	23.80	252	1067945	34.22	ng		99
89) Benzo(k)fluoranthene	23.86	252	1077377	36.30	ng		96
90) Benzo(a)pyrene	24.65	252	1000162	33.94	ng		99
91) Dibenzo(a,h)anthracene	28.45	278	1048813	35.32	ng		96
92) Benzo(g,h,i)perylene	29.51	276	1075158	36.12	ng		99

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

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