Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083120\
Data File : BG046470.D
Acq On : 31 Aug 2020 15:08
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Aug 31 17:20:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 31 16:05:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	80635	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	327120	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	240002	20.00	ng		0.00
64) Phenanthrene-d10	17.30	188	591072	20.00	ng		0.00
76) Chrysene-d12	21.56	240	594085	20.00	ng		0.00
86) Perylene-d12	24.65	264	629625	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	332964	73.14	ng		0.00
7) Phenol-d6	7.10	99	483975	74.99	ng		0.00
23) Nitrobenzene-d5	9.08	82	417589	72.96	ng		0.00
42) 2,4,6-Tribromophenol	16.05	330	245581	75.52	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	1121720	71.35	ng		0.00
79) Terphenyl-d14	19.92	244	1941339	69.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	68062	35.935	ng		99
3) Pyridine	3.81	79	207807	37.499	ng		99
4) n-Nitrosodimethylamine	3.73	42	75231	36.808	ng		95
6) Aniline	7.25	93	271480	37.382	ng		100
8) 2-Chlorophenol	7.50	128	176654	36.713	ng		97
9) Benzaldehyde	7.06	77	138989	38.439	ng		92
10) Phenol	7.13	94	224039	37.690	ng		98
11) bis(2-Chloroethyl)ether	7.35	93	174227	36.464	ng		98
12) 1,3-Dichlorobenzene	7.82	146	224065	36.678	ng		98
13) 1,4-Dichlorobenzene	7.97	146	224366	36.686	ng		99
14) 1,2-Dichlorobenzene	8.28	146	213364	36.384	ng		100
15) Benzyl Alcohol	8.17	79	157726	38.066	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	271446	36.626	ng		99
17) 2-Methylphenol	8.37	107	158989	37.714	ng		96
18) Hexachloroethane	9.01	117	75057	36.195	ng		95
19) n-Nitroso-di-n-propylamine	8.73	70	144580	37.452	ng		99
20) 3+4-Methylphenols	8.70	107	221781	38.115	ng		99
22) Acetophenone	8.75	105	291397	36.595	ng	#	98
24) Nitrobenzene	9.13	77	205100	36.273	ng		98
25) Isophorone	9.65	82	393122	37.465	ng		99
26) 2-Nitrophenol	9.84	139	107683	36.095	ng		98
27) 2,4-Dimethylphenol	9.91	122	152637	37.200	ng		99
28) bis(2-Chloroethoxy)methane	10.14	93	250906	37.150	ng		99
29) 2,4-Dichlorophenol	10.38	162	206883	37.822	ng		99
30) 1,2,4-Trichlorobenzene	10.59	180	232488	35.822	ng		97
31) Naphthalene	10.78	128	589219	36.891	ng		99
32) Benzoic acid	10.05	122	87135	32.755	ng		95
33) 4-Chloroaniline	10.88	127	265970	37.764	ng		99
34) Hexachlorobutadiene	11.08	225	151380	35.931	ng		99
35) Caprolactam	11.65	113	78086	38.190	ng		96
36) 4-Chloro-3-methylphenol	12.02	107	208453	38.964	ng		95
37) 2-Methylnaphthalene	12.39	142	475666	37.761	ng		99
38) 1-Methylnaphthalene	12.60	142	447461	37.501	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	283303	35.796	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	121928	35.430 ng	96
43) 2,4,6-Trichlorophenol	13.00	196	194563	36.429 ng	98
44) 2,4,5-Trichlorophenol	13.07	196	205289	36.584 ng	99
46) 1,1'-Biphenyl	13.40	154	605677	36.272 ng	100
47) 2-Chloronaphthalene	13.44	162	508101	35.889 ng	100
48) 2-Nitroaniline	13.64	65	146720	37.321 ng	98
49) Acenaphthylene	14.28	152	790676	36.817 ng	99
50) Dimethylphthalate	14.02	163	667258	35.936 ng	99
51) 2,6-Dinitrotoluene	14.13	165	149989	36.646 ng	99
52) Acenaphthene	14.62	154	493516	37.084 ng	98
53) 3-Nitroaniline	14.46	138	163529	36.885 ng	97
54) 2,4-Dinitrophenol	14.67	184	82907	34.702 ng	98
55) Dibenzofuran	14.96	168	790954	37.034 ng	100
56) 4-Nitrophenol	14.78	139	118617	36.353 ng	96
57) 2,4-Dinitrotoluene	14.92	165	217209	37.218 ng	98
58) Fluorene	15.61	166	650824	36.307 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.19	232	202459	37.154 ng	99
60) Diethylphthalate	15.38	149	653959	36.124 ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	360490	36.516 ng	99
62) 4-Nitroaniline	15.62	138	175550	37.526 ng	99
63) Azobenzene	15.89	77	536733	36.448 ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	120223	35.936 ng	98
66) n-Nitrosodiphenylamine	15.82	169	587070	36.816 ng	99
67) 4-Bromophenyl-phenylether	16.50	248	258834	37.535 ng	97
68) Hexachlorobenzene	16.62	284	280605	36.742 ng	98
69) Atrazine	16.77	200	242333	37.252 ng	99
70) Pentachlorophenol	16.96	266	152200	38.143 ng	99
71) Phenanthrene	17.35	178	1091279	36.425 ng	100
72) Anthracene	17.44	178	1075150	36.373 ng	99
73) Carbazole	17.71	167	1017306	36.451 ng	99
74) Di-n-butylphthalate	18.27	149	1156627	36.041 ng	99
75) Fluoranthene	19.36	202	1370877	35.556 ng	100
77) Benzidine	19.54	184	503951	36.506 ng	99
78) Pyrene	19.72	202	1380415	36.489 ng	100
80) Butylbenzylphthalate	20.61	149	539662	36.572 ng	99
81) Benzo(a)anthracene	21.53	228	1333805	36.020 ng	100
82) 3,3'-Dichlorobenzidine	21.45	252	499718	36.365 ng	99
83) Chrysene	21.60	228	1271567	35.699 ng	100
84) Bis(2-ethylhexyl)phthalate	21.46	149	730215	36.262 ng	99
85) Di-n-octyl phthalate	22.63	149	1255995	36.426 ng	100
87) Indeno(1,2,3-cd)pyrene	28.17	276	1593538	35.239 ng	100
88) Benzo(b)fluoranthene	23.68	252	1361994	34.643 ng	99
89) Benzo(k)fluoranthene	23.74	252	1331828	35.052 ng	98
90) Benzo(a)pyrene	24.51	252	1290685	35.179 ng	99
91) Dibenzo(a,h)anthracene	28.23	278	1282177	35.136 ng	99
92) Benzo(g,h,i)perylene	29.27	276	1288701	35.365 ng	98

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

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