Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061120\
Data File : BG045723.D
Acq On : 11 Jun 2020 16:14
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 11 18:28:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	48851	20.00	ng		-0.01
21) Naphthalene-d8	10.75	136	199862	20.00	ng		-0.01
39) Acenaphthene-d10	14.59	164	142548	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	334904	20.00	ng		0.00
76) Chrysene-d12	21.60	240	285418	20.00	ng		0.00
87) Perylene-d12	24.74	264	311569	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	215865	86.36	ng		-0.01
7) Phenol-d6	7.14	99	326118	91.66	ng		-0.01
23) Nitrobenzene-d5	9.10	82	332172	90.63	ng		-0.01
42) 2,4,6-Tribromophenol	16.08	330	157752	86.53	ng		-0.01
45) 2-Fluorobiphenyl	13.21	172	750335	89.28	ng		0.00
79) Terphenyl-d14	19.95	244	1209199	98.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	48885	39.437	ng		98
3) Pyridine	3.80	79	144879	41.966	ng		96
4) n-Nitrosodimethylamine	3.72	42	50210	44.446	ng		88
6) Aniline	7.27	93	209557	45.121	ng		99
8) 2-Chlorophenol	7.52	128	125082	45.630	ng		98
9) Benzaldehyde	7.08	77	83696	36.107	ng		97
10) Phenol	7.16	94	166635	45.445	ng		96
11) bis(2-Chloroethyl)ether	7.37	93	126404	44.196	ng		96
12) 1,3-Dichlorobenzene	7.84	146	144377	43.828	ng		99
13) 1,4-Dichlorobenzene	7.98	146	144839	44.554	ng		96
14) 1,2-Dichlorobenzene	8.30	146	138691	44.357	ng		95
15) Benzyl Alcohol	8.19	79	139095	47.326	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	125523	46.235	ng		97
17) 2-Methylphenol	8.41	107	125183	45.611	ng		96
18) Hexachloroethane	9.03	117	55978	44.960	ng		98
19) n-Nitroso-di-n-propylamine	8.75	70	118600	48.206	ng		95
20) 3+4-Methylphenols	8.73	107	170831	45.709	ng		96
22) Acetophenone	8.77	105	212198	44.796	ng	#	99
24) Nitrobenzene	9.15	77	175310	44.645	ng		98
25) Isophorone	9.67	82	333077	46.146	ng		98
26) 2-Nitrophenol	9.86	139	76022	45.257	ng		94
27) 2,4-Dimethylphenol	9.94	122	110545	44.371	ng		97
28) bis(2-Chloroethoxy)methane	10.16	93	173551	45.848	ng		97
29) 2,4-Dichlorophenol	10.41	162	129834	44.131	ng		93
30) 1,2,4-Trichlorobenzene	10.62	180	151889	43.691	ng		98
31) Naphthalene	10.80	128	418483	44.933	ng		99
32) Benzoic acid	10.10	122	65930	40.808	ng		91
33) 4-Chloroaniline	10.91	127	178403	45.826	ng		97
34) Hexachlorobutadiene	11.10	225	110813	45.094	ng		95
35) Caprolactam	11.69	113	48703	45.100	ng		89
36) 4-Chloro-3-methylphenol	12.06	107	153223	46.218	ng		97
37) 2-Methylnaphthalene	12.41	142	314291	45.276	ng		97
38) 1-Methylnaphthalene	12.63	142	298453	45.515	ng	#	95
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	173137	43.485	ng		99

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Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	83460	36.317 ng		97
43) 2,4,6-Trichlorophenol	13.03	196	118873	42.979 ng		93
44) 2,4,5-Trichlorophenol	13.12	196	136426	43.164 ng		98
46) 1,1'-Biphenyl	13.42	154	388260	44.327 ng		97
47) 2-Chloronaphthalene	13.46	162	313674	44.101 ng		98
48) 2-Nitroaniline	13.67	65	106987	45.728 ng		96
49) Acenaphthylene	14.31	152	505631	44.258 ng		97
50) Dimethylphthalate	14.04	163	426271	43.592 ng		98
51) 2,6-Dinitrotoluene	14.16	165	95035	43.069 ng		97
52) Acenaphthene	14.66	154	306984	40.142 ng		99
53) 3-Nitroaniline	14.50	138	99547	44.380 ng		99
54) 2,4-Dinitrophenol	14.71	184	49858	37.598 ng		96
55) Dibenzofuran	14.99	168	499119	43.950 ng		97
56) 4-Nitrophenol	14.84	139	62923	37.052 ng		94
57) 2,4-Dinitrotoluene	14.96	165	138039	43.195 ng	#	97
58) Fluorene	15.64	166	415093	44.490 ng		97
59) 2,3,4,6-Tetrachlorophenol	15.23	232	118435	42.592 ng		98
60) Diethylphthalate	15.41	149	444236	43.647 ng		98
61) 4-Chlorophenyl-phenylether	15.63	204	237452	44.475 ng		99
62) 4-Nitroaniline	15.67	138	101480	43.336 ng		94
63) Azobenzene	15.92	77	423658	44.641 ng		99
65) 4,6-Dinitro-2-methylphenol	15.72	198	84252	43.196 ng		90
66) n-Nitrosodiphenylamine	15.85	169	359063	44.654 ng		96
67) 4-Bromophenyl-phenylether	16.52	248	165009	45.501 ng		99
68) Hexachlorobenzene	16.65	284	170193	44.871 ng		98
69) Atrazine	16.80	200	132743	40.079 ng		97
70) Pentachlorophenol	17.00	266	68420	34.740 ng		98
71) Phenanthrene	17.38	178	650500	44.493 ng		99
72) Anthracene	17.47	178	651908	44.401 ng		99
73) Carbazole	17.75	167	629057	43.954 ng		99
74) Di-n-butylphthalate	18.30	149	745221	43.383 ng		100
75) Fluoranthene	19.39	202	779671	41.926 ng		99
77) Benzidine	19.57	184	305424	38.101 ng		99
78) Pyrene	19.75	202	777702	47.800 ng		99
80) Butylbenzylphthalate	20.64	149	306952	43.709 ng		97
81) Benzo(a)anthracene	21.58	228	706692	44.447 ng		99
82) 3,3'-Dichlorobenzidine	21.49	252	255710	41.000 ng		98
83) Chrysene	21.65	228	681649	44.587 ng		99
84) Bis(2-ethylhexyl)phthalate	21.49	149	424457	43.969 ng		99
85) Di-n-octyl phthalate	22.67	149	721349	43.507 ng		99
86) Indeno(1,2,3-cd)pyrene	28.30	276	852331	42.634 ng	#	97
88) Benzo(b)fluoranthene	23.74	252	737437	44.132 ng		98
89) Benzo(k)fluoranthene	23.81	252	706029	44.974 ng		98
90) Benzo(a)pyrene	24.59	252	694098	44.601 ng		99
91) Dibenzo(a,h)anthracene	28.37	278	703100	44.959 ng		98
92) Benzo(g,h,i)perylene	29.42	276	684335	43.754 ng		97

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

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