Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040820\
Data File : BG044972.D
Acq On : 8 Apr 2020 11:34
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 08 13:03:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 08 13:01:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	121131	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	483270	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	339703	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	759373	20.00	ng		0.00
76) Chrysene-d12	21.69	240	676210	20.00	ng		0.00
87) Perylene-d12	24.89	264	759083	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	576860	74.13	ng		0.00
7) Phenol-d6	7.21	99	841525	74.43	ng		0.00
23) Nitrobenzene-d5	9.20	82	832348	75.58	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	385021	86.56	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	1796216	75.72	ng		0.00
79) Terphenyl-d14	20.03	244	2429149	67.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	129142	34.464	ng	#	79
3) Pyridine	3.91	79	388995	35.067	ng	#	78
4) n-Nitrosodimethylamine	3.82	42	122794	29.175	ng	#	66
6) Aniline	7.37	93	542244	38.545	ng		94
8) 2-Chlorophenol	7.61	128	310133	39.926	ng		91
9) Benzaldehyde	7.17	77	248982	34.865	ng		98
10) Phenol	7.23	94	432378	38.630	ng		96
11) bis(2-Chloroethyl)ether	7.46	93	330192	36.964	ng		95
12) 1,3-Dichlorobenzene	7.94	146	368435	38.504	ng		96
13) 1,4-Dichlorobenzene	8.08	146	363705	38.447	ng		97
14) 1,2-Dichlorobenzene	8.40	146	349276	38.930	ng		95
15) Benzyl Alcohol	8.28	79	349434	38.522	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.57	45	331407	21.023	ng		80
17) 2-Methylphenol	8.48	107	323371	42.651	ng		98
18) Hexachloroethane	9.14	117	139119	37.354	ng		93
19) n-Nitroso-di-n-propylamine	8.85	70	283708	35.539	ng	#	86
20) 3+4-Methylphenols	8.82	107	446129	42.685	ng		96
22) Acetophenone	8.87	105	503574	36.781	ng	#	93
24) Nitrobenzene	9.24	77	426008	37.280	ng		96
25) Isophorone	9.77	82	805026	37.453	ng		98
26) 2-Nitrophenol	9.96	139	188991	47.680	ng		94
27) 2,4-Dimethylphenol	10.02	122	290926	41.563	ng		95
28) bis(2-Chloroethoxy)methane	10.25	93	441537	34.421	ng		100
29) 2,4-Dichlorophenol	10.50	162	339947	41.580	ng		97
30) 1,2,4-Trichlorobenzene	10.72	180	391619	40.060	ng		95
31) Naphthalene	10.90	128	1030963	38.511	ng		98
32) Benzoic acid	10.18	122	207085	39.996	ng		96
33) 4-Chloroaniline	11.00	127	471631	39.103	ng		96
34) Hexachlorobutadiene	11.20	225	267788	41.655	ng		95
35) Caprolactam	11.78	113	116153	37.523	ng	#	69
36) 4-Chloro-3-methylphenol	12.13	107	382337	39.211	ng		97
37) 2-Methylnaphthalene	12.50	142	787129	39.306	ng		97
38) 1-Methylnaphthalene	12.72	142	737182	39.156	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	433944	38.788	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	260616	42.626 ng		99
43) 2,4,6-Trichlorophenol	13.11	196	306555	41.289 ng		99
44) 2,4,5-Trichlorophenol	13.18	196	348081	45.207 ng		96
46) 1,1'-Biphenyl	13.51	154	1015703	37.416 ng		99
47) 2-Chloronaphthalene	13.55	162	783523	37.783 ng		95
48) 2-Nitroaniline	13.75	65	251138	34.591 ng		91
49) Acenaphthylene	14.40	152	1234026	37.984 ng		98
50) Dimethylphthalate	14.13	163	1022248	37.783 ng		99
51) 2,6-Dinitrotoluene	14.24	165	235613	43.203 ng		95
52) Acenaphthene	14.74	154	813979	38.256 ng		99
53) 3-Nitroaniline	14.57	138	249909	39.858 ng		97
54) 2,4-Dinitrophenol	14.77	184	105701	41.555 ng		95
55) Dibenzofuran	15.07	168	1203113	38.993 ng		98
56) 4-Nitrophenol	14.88	139	190590	39.829 ng		89
57) 2,4-Dinitrotoluene	15.03	165	331596	44.334 ng		94
58) Fluorene	15.73	166	972189	38.304 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	298334	42.085 ng		95
60) Diethylphthalate	15.50	149	1035122	36.682 ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	564758	41.324 ng		99
62) 4-Nitroaniline	15.73	138	250361	37.447 ng		98
63) Azobenzene	16.01	77	1015816	34.665 ng		97
65) 4,6-Dinitro-2-methylphenol	15.80	198	170141	47.675 ng		89
66) n-Nitrosodiphenylamine	15.93	169	871910	38.137 ng		98
67) 4-Bromophenyl-phenylether	16.61	248	391767	41.268 ng		97
68) Hexachlorobenzene	16.74	284	401712	39.004 ng		98
69) Atrazine	16.88	200	310940	37.122 ng		96
70) Pentachlorophenol	17.07	266	245575	43.336 ng		98
71) Phenanthrene	17.47	178	1509773	37.205 ng		99
72) Anthracene	17.55	178	1528411	38.197 ng		98
73) Carbazole	17.82	167	1454668	37.846 ng		98
74) Di-n-butylphthalate	18.39	149	1697729	36.336 ng		99
75) Fluoranthene	19.47	202	1773935	36.715 ng		98
77) Benzidine	19.64	184	698517	31.820 ng		99
78) Pyrene	19.83	202	1767384	35.624 ng		98
80) Butylbenzylphthalate	20.72	149	776719	35.192 ng		96
81) Benzo(a)anthracene	21.67	228	1737341	35.680 ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	703294	37.335 ng		100
83) Chrysene	21.74	228	1655521	35.593 ng		98
84) Bis(2-ethylhexyl)phthalate	21.59	149	1048105	34.408 ng	#	98
85) Di-n-octyl phthalate	22.81	149	1829930	35.900 ng	#	93
86) Indeno(1,2,3-cd)pyrene	28.54	276	2193956	35.979 ng	#	97
88) Benzo(b)fluoranthene	23.88	252	1875810	37.432 ng		99
89) Benzo(k)fluoranthene	23.94	252	1723833	36.349 ng		99
90) Benzo(a)pyrene	24.74	252	1754859	37.424 ng		99
91) Dibenzo(a,h)anthracene	28.60	278	1751117	37.853 ng		98
92) Benzo(g,h,i)perylene	29.68	276	1750992	37.464 ng		97

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

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