Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022420\
Data File : BG044572.D
Acq On : 24 Feb 2020 15:10
Operator : CG/JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Manual Integrations APPROVED
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2/25/2020 4:18:54 PM

Quant Time: Feb 24 16:12:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 24 14:08:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	66179	20.00	ng		0.00
21) Naphthalene-d8	10.67	136	252913	20.00	ng		0.00
39) Acenaphthene-d10	14.52	164	159644	20.00	ng		0.00
64) Phenanthrene-d10	17.27	188	347769	20.00	ng		0.00
76) Chrysene-d12	21.51	240	317325	20.00	ng		0.00
87) Perylene-d12	24.57	264	363578	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	750118	200.04	ng		0.00
7) Phenol-d6	7.06	99	1017859	202.14	ng		0.00
23) Nitrobenzene-d5	9.04	82	947394	211.48	ng		0.00
42) 2,4,6-Tribromophenol	16.01	330	451492	240.91	ng		0.00
45) 2-Fluorobiphenyl	13.14	172	1958277	205.41	ng		0.00
79) Terphenyl-d14	19.89	244	2641418	171.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	163400	96.985	ng		99
3) Pyridine	3.73	79	429224	95.624	ng		98
4) n-Nitrosodimethylamine	3.65	42	181361	96.691	ng	#	100
6) Aniline	7.20	93	634952	101.586	ng		97
8) 2-Chlorophenol	7.44	128	410420	99.588	ng		98
10) Phenol	7.08	94	497783	99.887	ng		99
11) bis(2-Chloroethyl)ether	7.30	93	419916	98.560	ng		96
12) 1,3-Dichlorobenzene	7.76	146	486435	98.858	ng		98
13) 1,4-Dichlorobenzene	7.91	146	489554	100.453	ng		99
14) 1,2-Dichlorobenzene	8.23	146	457962	99.418	ng		97
15) Benzyl Alcohol	8.12	79	365873	102.629	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.41	45	569431	98.748	ng		98
17) 2-Methylphenol	8.33	107	360720	101.451	ng		98
18) Hexachloroethane	8.96	117	181753	99.384	ng		96
19) n-Nitroso-di-n-propylamine	8.69	70	325853	97.098	ng		99
20) 3+4-Methylphenols	8.66	107	494400	100.895	ng		96
22) Acetophenone	8.70	105	601760	97.806	ng	#	98
24) Nitrobenzene	9.08	77	461777	105.587	ng		98
25) Isophorone	9.61	82	885824	106.090	ng		99
26) 2-Nitrophenol	9.79	139	259862	114.512	ng		96
27) 2,4-Dimethylphenol	9.86	122	354923	110.797	ng		97
28) bis(2-Chloroethoxy)methane	10.09	93	576645	103.525	ng		98
29) 2,4-Dichlorophenol	10.33	162	428500	110.626	ng		98
30) 1,2,4-Trichlorobenzene	10.54	180	487275	109.712	ng		100
31) Naphthalene	10.73	128	1287933	104.961	ng		96
32) Benzoic acid	10.08	122	255715	149.656	ng		97
33) 4-Chloroaniline	10.83	127	589451	105.623	ng		96
34) Hexachlorobutadiene	11.02	225	310582	113.644	ng		98
35) Caprolactam	11.64	113	158617	111.789	ng		98
36) 4-Chloro-3-methylphenol	11.98	107	433636	106.778	ng		97
37) 2-Methylnaphthalene	12.34	142	956143	104.948	ng		99
38) 1-Methylnaphthalene	12.56	142	897472	104.486	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	525200	109.979	ng		99
41) Hexachlorocyclopentadiene	12.69	237	263831	115.139	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) 2,4,6-Trichlorophenol	12.95	196	356390	115.458 ng		99
44) 2,4,5-Trichlorophenol	13.03	196	364502	115.612 ng		97
46) 1,1'-Biphenyl	13.35	154	1228293	106.666 ng		93
47) 2-Chloronaphthalene	13.39	162	980420	106.994 ng		97
48) 2-Nitroaniline	13.60	65	289109	106.908 ng		98
49) Acenaphthylene	14.24	152	1413235	105.151 ng		96
50) Dimethylphthalate	13.98	163	1197778	104.375 ng		98
51) 2,6-Dinitrotoluene	14.09	165	278879	108.993 ng		96
52) Acenaphthene	14.59	154	924942	106.175 ng		98
53) 3-Nitroaniline	14.43	138	304728	107.647 ng		97
54) 2,4-Dinitrophenol	14.64	184	175443	138.114 ng		97
55) Dibenzofuran	14.92	168	1354986	102.732 ng		95
56) 4-Nitrophenol	14.75	139	231880	111.826 ng		98
57) 2,4-Dinitrotoluene	14.89	165	394496	110.004 ng		98
58) Fluorene	15.57	166	1084027	104.349 ng		100
59) 2,3,4,6-Tetrachlorophenol	15.15	232	337264	118.429 ng		99
60) Diethylphthalate	15.34	149	1176146	102.858 ng		96
61) 4-Chlorophenyl-phenylether	15.56	204	605477	107.492 ng		99
62) 4-Nitroaniline	15.60	138	306835	108.475 ng		98
63) Azobenzene	15.86	77	1017701	101.550 ng		96
65) 4,6-Dinitro-2-methylphenol	15.66	198	233717	121.748 ng		99
66) n-Nitrosodiphenylamine	15.78	169	1015203	104.166 ng		97
67) 4-Bromophenyl-phenylether	16.45	248	425493	112.300 ng		99
68) Hexachlorobenzene	16.58	284	471884	111.167 ng		97
69) Atrazine	16.73	200	368241	110.236 ng		99
70) Pentachlorophenol	16.92	266	243243	123.658 ng		98
71) Phenanthrene	17.31	178	1715254	101.855 ng		94
72) Anthracene	17.40	178	1702031	102.229 ng		93
73) Carbazole	17.67	167	1576006	102.681 ng		96
74) Di-n-butylphthalate	18.23	149	1890321	99.662 ng	#	94
75) Fluoranthene	19.32	202	1996023	102.460 ng		94
77) Benzidine	19.50	184	984610m	111.864 ng		
78) Pyrene	19.68	202	1998366m	98.061 ng		
80) Butylbenzylphthalate	20.57	149	942047	101.439 ng		95
81) Benzo(a)anthracene	21.49	228	2014355	102.999 ng		92
82) 3,3'-Dichlorobenzidine	21.41	252	807416	106.375 ng		96
83) Chrysene	21.55	228	1921957	101.671 ng		92
84) Bis(2-ethylhexyl)phthalate	21.41	149	1235851	96.683 ng		95
85) Di-n-octyl phthalate	22.57	149	2204780	99.689 ng		97
86) Indeno(1,2,3-cd)pyrene	28.07	276	2750029	111.506 ng		99
88) Benzo(b)fluoranthene	23.62	252	2267370	108.224 ng		96
89) Benzo(k)fluoranthene	23.68	252	2160730	105.818 ng		96
90) Benzo(a)pyrene	24.44	252	2159061	108.996 ng		99
91) Dibenzo(a,h)anthracene	28.13	278	2178526	111.127 ng		97
92) Benzo(g,h,i)perylene	29.17	276	2206614	112.440 ng		98

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

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