Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG123019\
Data File : BG043860.D
Acq On : 30 Dec 2019 10:07
Operator : JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
12/31/2019 12:13:02 PM

Quant Time: Dec 30 14:30:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 30 11:43:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	142687	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	600586	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	395519	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	818436	20.00	ng		0.00
76) Chrysene-d12	21.59	240	689472	20.00	ng		0.00
87) Perylene-d12	24.72	264	782186	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	335095	42.84	ng		0.00
7) Phenol-d6	7.12	99	483101	43.76	ng		0.00
23) Nitrobenzene-d5	9.12	82	473698	43.85	ng		0.00
42) 2,4,6-Tribromophenol	16.08	330	175511	42.12	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	1070237	48.32	ng		0.00
79) Terphenyl-d14	19.95	244	1449937	46.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	73324	21.758	ng		97
3) Pyridine	3.83	79	215986	21.450	ng		95
4) n-Nitrosodimethylamine	3.75	42	94310	21.157	ng		94
6) Aniline	7.28	93	302973	20.872	ng		98
8) 2-Chlorophenol	7.53	128	192718	21.036	ng		99
9) Benzaldehyde	7.10	77	159418	22.034	ng		97
10) Phenol	7.15	94	240516	21.137	ng		98
11) bis(2-Chloroethyl)ether	7.38	93	206923	21.046	ng		99
12) 1,3-Dichlorobenzene	7.85	146	229846	21.481	ng		97
13) 1,4-Dichlorobenzene	8.00	146	226161	21.212	ng		96
14) 1,2-Dichlorobenzene	8.32	146	219002	21.423	ng		99
15) Benzyl Alcohol	8.19	79	178471	20.536	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	318880	20.893	ng		99
17) 2-Methylphenol	8.41	107	168830	20.475	ng		98
18) Hexachloroethane	9.05	117	87306	21.287	ng		97
19) n-Nitroso-di-n-propylamine	8.76	70	174337	21.143	ng	#	97
20) 3+4-Methylphenols	8.73	107	237147	20.761	ng		97
22) Acetophenone	8.78	105	329665	21.929	ng	#	97
24) Nitrobenzene	9.16	77	238149	21.532	ng		96
25) Isophorone	9.69	82	455347	21.535	ng		98
26) 2-Nitrophenol	9.87	139	104065	20.283	ng		98
27) 2,4-Dimethylphenol	9.93	122	169364	21.442	ng		98
28) bis(2-Chloroethoxy)methane	10.17	93	307853	21.883	ng		98
29) 2,4-Dichlorophenol	10.41	162	197806	20.998	ng		99
30) 1,2,4-Trichlorobenzene	10.63	180	227124	21.602	ng		98
31) Naphthalene	10.81	128	655638	22.534	ng		99
32) Benzoic acid	10.03	122	97011m	15.794	ng		
33) 4-Chloroaniline	10.91	127	299234	21.446	ng		99
34) Hexachlorobutadiene	11.11	225	137004	21.530	ng		99
35) Caprolactam	11.67	113	74628	21.208	ng		95
36) 4-Chloro-3-methylphenol	12.04	107	213647	21.057	ng		98
37) 2-Methylnaphthalene	12.42	142	491125	22.365	ng		95
38) 1-Methylnaphthalene	12.64	142	466656	22.387	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	246486	21.440	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	112737	18.365	ng		97
43) 2,4,6-Trichlorophenol	13.02	196	163909	20.599	ng		93
44) 2,4,5-Trichlorophenol	13.09	196	170885	20.963	ng		97
46) 1,1'-Biphenyl	13.43	154	638094	22.472	ng		98
47) 2-Chloronaphthalene	13.47	162	510473	22.298	ng		97
48) 2-Nitroaniline	13.66	65	153563	20.942	ng		99
49) Acenaphthylene	14.32	152	761706	22.950	ng		97
50) Dimethylphthalate	14.05	163	650492	23.017	ng		98
51) 2,6-Dinitrotoluene	14.16	165	135611	21.230	ng		98
52) Acenaphthene	14.66	154	504311	21.749	ng		99
53) 3-Nitroaniline	14.49	138	154192	21.348	ng		100
54) 2,4-Dinitrophenol	14.69	184	48824	17.263	ng	#	82
55) Dibenzofuran	14.99	168	744417	23.237	ng		97
56) 4-Nitrophenol	14.79	139	114398	20.654	ng		95
57) 2,4-Dinitrotoluene	14.95	165	186421	21.653	ng		96
58) Fluorene	15.64	166	585047	23.027	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.22	232	149572	21.010	ng		99
60) Diethylphthalate	15.42	149	651931	23.105	ng		97
61) 4-Chlorophenyl-phenylether	15.64	204	303934	22.247	ng		98
62) 4-Nitroaniline	15.64	138	157729	22.266	ng		93
63) Azobenzene	15.93	77	597667	22.797	ng		97
65) 4,6-Dinitro-2-methylphenol	15.71	198	71961	18.524	ng		95
66) n-Nitrosodiphenylamine	15.84	169	529030	21.983	ng		97
67) 4-Bromophenyl-phenylether	16.53	248	193481	21.185	ng		97
68) Hexachlorobenzene	16.65	284	209552	21.181	ng		98
69) Atrazine	16.80	200	180475	22.868	ng		98
70) Pentachlorophenol	16.99	266	104005	19.200	ng		97
71) Phenanthrene	17.38	178	917735	23.369	ng		97
72) Anthracene	17.47	178	901295	23.182	ng		96
73) Carbazole	17.74	167	830320	23.351	ng		96
74) Di-n-butylphthalate	18.31	149	1055973	24.693	ng		95
75) Fluoranthene	19.39	202	1027310	24.257	ng		96
77) Benzidine	19.56	184	328793	17.866	ng		98
78) Pyrene	19.75	202	1033054	23.841	ng		94
80) Butylbenzylphthalate	20.64	149	469608	22.212	ng		96
81) Benzo(a)anthracene	21.57	228	983020	23.004	ng		95
82) 3,3'-Dichlorobenzidine	21.48	252	365364	21.547	ng		98
83) Chrysene	21.63	228	931344	22.913	ng		97
84) Bis(2-ethylhexyl)phthalate	21.50	149	677541	23.087	ng		95
85) Di-n-octyl phthalate	22.69	149	1132205	22.938	ng		99
86) Indeno(1,2,3-cd)pyrene	28.26	276	1142994	20.635	ng		100
88) Benzo(b)fluoranthene	23.73	252	1041688	22.684	ng		98
89) Benzo(k)fluoranthene	23.79	252	974948	22.134	ng		97
90) Benzo(a)pyrene	24.57	252	950963	21.885	ng		97
91) Dibenzo(a,h)anthracene	28.32	278	934085	21.251	ng		98
92) Benzo(g,h,i)perylene	29.36	276	918861	21.151	ng		97

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

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