Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118583.D
Acq On : 20 Jan 2020 11:09
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC020

Manual Integrations APPROVED
mohammad
1/21/2020 2:25:47 PM

Quant Time: Jan 20 12:29:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 12:07:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	448432	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	1662683	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	933579	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	1695163	20.00	ng		0.00
76) Chrysene-d12	14.04	240	1402257	20.00	ng		0.00
87) Perylene-d12	15.52	264	1235265	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1183682	48.77	ng		0.00
7) Phenol-d6	6.50	99	1521247	47.84	ng		-0.01
23) Nitrobenzene-d5	7.44	82	1348655	50.10	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	494654	47.93	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	2764476	53.46	ng		0.00
79) Terphenyl-d14	12.99	244	3305453	46.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	273223	23.430	ng		99
3) Pyridine	3.43	79	759890	23.595	ng		100
4) n-Nitrosodimethylamine	3.36	42	327596	22.177	ng		99
6) Aniline	6.54	93	970906	23.326	ng		100
8) 2-Chlorophenol	6.66	128	652573	23.642	ng		98
9) Benzaldehyde	6.43	77	473561	29.090	ng		98
10) Phenol	6.51	94	855953m	24.533	ng		
11) bis(2-Chloroethyl)ether	6.61	93	628694	22.498	ng		99
12) 1,3-Dichlorobenzene	6.82	146	767376	23.379	ng		96
13) 1,4-Dichlorobenzene	6.90	146	771360	23.392	ng		99
14) 1,2-Dichlorobenzene	7.06	146	737127	23.893	ng		97
15) Benzyl Alcohol	7.02	79	591209	22.653	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	879873	21.464	ng		99
17) 2-Methylphenol	7.13	107	523625	22.350	ng		98
18) Hexachloroethane	7.40	117	272431	22.671	ng		91
19) n-Nitroso-di-n-propylamine	7.29	70	497420	21.812	ng		99
20) 3+4-Methylphenols	7.27	107	685581	24.470	ng	#	76
22) Acetophenone	7.29	105	951645	23.586	ng	#	99
24) Nitrobenzene	7.46	77	698281	24.391	ng		97
25) Isophorone	7.70	82	1212135	20.746	ng		98
26) 2-Nitrophenol	7.77	139	260305	23.013	ng		94
27) 2,4-Dimethylphenol	7.81	122	494103	21.264	ng		98
28) bis(2-Chloroethoxy)methane	7.91	93	807086	21.499	ng		99
29) 2,4-Dichlorophenol	8.02	162	553237	21.630	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	672630	22.566	ng		98
31) Naphthalene	8.19	128	1876239	23.928	ng		98
32) Benzoic acid	7.90	122	305767	21.418	ng		97
33) 4-Chloroaniline	8.23	127	818710	22.472	ng		98
34) Hexachlorobutadiene	8.31	225	406309	21.854	ng		99
35) Caprolactam	8.58	113	169933m	21.357	ng		
36) 4-Chloro-3-methylphenol	8.70	107	554606	21.873	ng		98
37) 2-Methylnaphthalene	8.88	142	1291190	23.243	ng		99
38) 1-Methylnaphthalene	8.98	142	1233955	23.479	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	693999	23.047	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	331675	21.082	ng		98
43) 2,4,6-Trichlorophenol	9.15	196	435679	22.709	ng		98
44) 2,4,5-Trichlorophenol	9.19	196	437094	22.534	ng		97
46) 1,1'-Biphenyl	9.34	154	1625733	24.371	ng		97
47) 2-Chloronaphthalene	9.37	162	1312855	23.350	ng		96
48) 2-Nitroaniline	9.45	65	360317	24.639	ng		94
49) Acenaphthylene	9.78	152	1894190	23.860	ng		96
50) Dimethylphthalate	9.64	163	1446010	22.559	ng		98
51) 2,6-Dinitrotoluene	9.70	165	282689	23.114	ng		89
52) Acenaphthene	9.96	154	1222133	23.500	ng		99
53) 3-Nitroaniline	9.86	138	334187	24.121	ng		99
54) 2,4-Dinitrophenol	9.96	184	95592	23.243	ng	#	1
55) Dibenzofuran	10.13	168	1751439	23.798	ng		97
56) 4-Nitrophenol	10.01	139	249421	24.371	ng		95
57) 2,4-Dinitrotoluene	10.10	165	347135	23.357	ng		96
58) Fluorene	10.47	166	1401665	24.594	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.24	232	381709	23.003	ng		98
60) Diethylphthalate	10.34	149	1399848	22.370	ng		97
61) 4-Chlorophenyl-phenylether	10.46	204	740826	23.761	ng		99
62) 4-Nitroaniline	10.47	138	346686	25.195	ng		97
63) Azobenzene	10.62	77	1390437	22.798	ng		98
65) 4,6-Dinitro-2-methylphenol	10.50	198	136177	22.444	ng		99
66) n-Nitrosodiphenylamine	10.57	169	1231267	22.605	ng		98
67) 4-Bromophenyl-phenylether	10.95	248	474710	20.920	ng	#	94
68) Hexachlorobenzene	11.02	284	543152	21.600	ng		96
69) Atrazine	11.10	200	404350	25.725	ng		99
70) Pentachlorophenol	11.21	266	276860	22.403	ng		98
71) Phenanthrene	11.43	178	2068315	24.274	ng		95
72) Anthracene	11.48	178	2049612	24.110	ng		96
73) Carbazole	11.63	167	1836661	23.955	ng		97
74) Di-n-butylphthalate	11.97	149	2063223	21.654	ng		99
75) Fluoranthene	12.62	202	2194245	23.946	ng		97
77) Benzidine	12.73	184	975531	28.633	ng		99
78) Pyrene	12.84	202	2261532	21.609	ng		95
80) Butylbenzylphthalate	13.47	149	833119	18.570	ng		97
81) Benzo(a)anthracene	14.03	228	2069075	23.377	ng		98
82) 3,3'-Dichlorobenzidine	13.99	252	729859	23.503	ng		97
83) Chrysene	14.07	228	1963891	23.067	ng		97
84) Bis(2-ethylhexyl)phthalate	14.03	149	1085743	19.498	ng		99
85) Di-n-octyl phthalate	14.64	149	1567861	18.387	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1397494	16.680	ng		99
88) Benzo(b)fluoranthene	15.09	252	1748416	21.732	ng		98
89) Benzo(k)fluoranthene	15.12	252	1744256	23.989	ng		99
90) Benzo(a)pyrene	15.45	252	1516892	21.668	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	1165658	17.828	ng		100
92) Benzo(g,h,i)perylene	17.43	276	1085273	17.184	ng		99

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

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