Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118582.D
Acq On : 20 Jan 2020 10:41
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
1/21/2020 2:25:45 PM

Quant Time: Jan 20 12:22:44 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	439385	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	1674439	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	932570	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	1705490	20.00	ng		0.00
76) Chrysene-d12	14.04	240	1428070	20.00	ng		0.00
87) Perylene-d12	15.52	264	1269591	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	653529	27.48	ng		0.00
7) Phenol-d6	6.49	99	839658	26.95	ng		-0.02
23) Nitrobenzene-d5	7.43	82	706186	26.05	ng		-0.01
42) 2,4,6-Tribromophenol	10.70	330	256514	24.88	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1625931	31.48	ng		0.00
79) Terphenyl-d14	12.99	244	1975878	27.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	153253	13.413	ng		99
3) Pyridine	3.44	79	418442	13.260	ng		99
4) n-Nitrosodimethylamine	3.35	42	177343	12.253	ng	#	99
6) Aniline	6.54	93	529808	12.991	ng		98
8) 2-Chlorophenol	6.66	128	356281	13.174	ng		98
9) Benzaldehyde	6.43	77	267164	16.750	ng		96
10) Phenol	6.51	94	472451m	13.820	ng		
11) bis(2-Chloroethyl)ether	6.61	93	348197	12.717	ng		97
12) 1,3-Dichlorobenzene	6.82	146	419926	13.057	ng		97
13) 1,4-Dichlorobenzene	6.90	146	428585	13.265	ng		98
14) 1,2-Dichlorobenzene	7.05	146	406075	13.433	ng		99
15) Benzyl Alcohol	7.01	79	316658	12.383	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	492075	12.251	ng		98
17) 2-Methylphenol	7.12	107	284886	12.410	ng		98
18) Hexachloroethane	7.40	117	146193	12.416	ng		93
19) n-Nitroso-di-n-propylamine	7.29	70	270550	12.108	ng		99
20) 3+4-Methylphenols	7.27	107	377222	13.741	ng	#	87
22) Acetophenone	7.28	105	532382	13.102	ng	#	96
24) Nitrobenzene	7.45	77	369637	12.821	ng		95
25) Isophorone	7.70	82	666323	11.324	ng		99
26) 2-Nitrophenol	7.77	139	124263	10.909	ng		97
27) 2,4-Dimethylphenol	7.80	122	266634	11.394	ng		96
28) bis(2-Chloroethoxy)methane	7.91	93	447675	11.841	ng		98
29) 2,4-Dichlorophenol	8.01	162	299849	11.641	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	367027	12.227	ng		98
31) Naphthalene	8.19	128	1062189	13.451	ng		97
32) Benzoic acid	7.88	122	138839	9.657	ng		97
33) 4-Chloroaniline	8.23	127	451365	12.302	ng		98
34) Hexachlorobutadiene	8.31	225	220672	11.786	ng		98
35) Caprolactam	8.56	113	89828	11.210	ng		98
36) 4-Chloro-3-methylphenol	8.70	107	299742	11.739	ng		96
37) 2-Methylnaphthalene	8.87	142	718246	12.839	ng		100
38) 1-Methylnaphthalene	8.97	142	677458	12.800	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	384357	12.778	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	169418	10.780	ng		99
43) 2,4,6-Trichlorophenol	9.15	196	225686	11.776	ng		100
44) 2,4,5-Trichlorophenol	9.19	196	236675	12.215	ng		100
46) 1,1'-Biphenyl	9.34	154	916512	13.754	ng		95
47) 2-Chloronaphthalene	9.36	162	733152	13.054	ng		96
48) 2-Nitroaniline	9.45	65	174438	11.941	ng		100
49) Acenaphthylene	9.78	152	1056033	13.317	ng		95
50) Dimethylphthalate	9.63	163	807005	12.604	ng		98
51) 2,6-Dinitrotoluene	9.69	165	141331	11.569	ng		97
52) Acenaphthene	9.95	154	684414	13.174	ng		99
53) 3-Nitroaniline	9.86	138	170883	12.347	ng		93
54) 2,4-Dinitrophenol	9.96	184	39948	9.724	ng	#	23
55) Dibenzofuran	10.12	168	994094	13.522	ng		97
56) 4-Nitrophenol	10.00	139	123340	12.065	ng		97
57) 2,4-Dinitrotoluene	10.09	165	165963	11.179	ng	#	85
58) Fluorene	10.47	166	795139	13.967	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	201632	12.164	ng		98
60) Diethylphthalate	10.34	149	772801	12.363	ng		97
61) 4-Chlorophenyl-phenylether	10.46	204	412026	13.229	ng		97
62) 4-Nitroaniline	10.47	138	177460	12.910	ng		95
63) Azobenzene	10.62	77	783213	12.855	ng		97
65) 4,6-Dinitro-2-methylphenol	10.50	198	58156	9.527	ng		92
66) n-Nitrosodiphenylamine	10.57	169	682292	12.450	ng		97
67) 4-Bromophenyl-phenylether	10.95	248	256519	11.236	ng		95
68) Hexachlorobenzene	11.02	284	299795	11.850	ng	#	90
69) Atrazine	11.10	200	215878	13.651	ng		98
70) Pentachlorophenol	11.20	266	137860	11.088	ng		98
71) Phenanthrene	11.43	178	1183905	13.810	ng		94
72) Anthracene	11.48	178	1170496	13.685	ng		94
73) Carbazole	11.63	167	1041777	13.505	ng		96
74) Di-n-butylphthalate	11.97	149	1164628	12.149	ng		97
75) Fluoranthene	12.62	202	1224646	13.284	ng		95
77) Benzidine	12.73	184	504171	14.531	ng		97
78) Pyrene	12.84	202	1284714	12.053	ng		92
80) Butylbenzylphthalate	13.46	149	424716	9.296	ng		93
81) Benzo(a)anthracene	14.03	228	1164030	12.914	ng		95
82) 3,3'-Dichlorobenzidine	13.99	252	385453	12.188	ng		98
83) Chrysene	14.07	228	1105645	12.752	ng		95
84) Bis(2-ethylhexyl)phthalate	14.03	149	572522	10.096	ng	#	94
85) Di-n-octyl phthalate	14.64	149	776795	8.945	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	762598	8.938	ng		99
88) Benzo(b)fluoranthene	15.08	252	1013092	12.252	ng		99
89) Benzo(k)fluoranthene	15.11	252	945168	12.648	ng		98
90) Benzo(a)pyrene	15.45	252	843934	11.729	ng		98
91) Dibenzo(a,h)anthracene	17.00	278	627043	9.331	ng		99
92) Benzo(g,h,i)perylene	17.43	276	583136	8.984	ng		98

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

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