Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118632.D
Acq On : 21 Jan 2020 13:25
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/22/2020 1:36:15 PM

Quant Time: Jan 21 15:30:58 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 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	388137	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	1430855	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	807961	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	1457377	20.00	ng		0.00
76) Chrysene-d12	14.04	240	1019439	20.00	ng		0.00
87) Perylene-d12	15.51	264	928548	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1778385	85.10	ng		0.00
7) Phenol-d6	6.51	99	2264200	83.36	ng		0.00
23) Nitrobenzene-d5	7.45	82	2031180	79.40	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	799123	85.51	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	3855107	78.42	ng		0.00
79) Terphenyl-d14	12.99	244	4369467	93.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	409995	40.505	ng		98
3) Pyridine	3.42	79	1160505	40.677	ng		100
4) n-Nitrosodimethylamine	3.36	42	462683	37.828	ng		90
6) Aniline	6.55	93	1468876	41.068	ng		97
8) 2-Chlorophenol	6.67	128	984855	41.985	ng		98
9) Benzaldehyde	6.43	77	703035	42.559	ng		96
10) Phenol	6.52	94	1245304	40.229	ng		99
11) bis(2-Chloroethyl)ether	6.62	93	956342	41.641	ng		98
12) 1,3-Dichlorobenzene	6.83	146	1158811	42.207	ng		98
13) 1,4-Dichlorobenzene	6.90	146	1163512	42.217	ng		99
14) 1,2-Dichlorobenzene	7.06	146	1097403	42.357	ng		98
15) Benzyl Alcohol	7.02	79	899426	41.755	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1320415	41.276	ng		100
17) 2-Methylphenol	7.13	107	809997	41.455	ng		98
18) Hexachloroethane	7.40	117	415248	41.551	ng		96
19) n-Nitroso-di-n-propylamine	7.30	70	753100	41.061	ng		95
20) 3+4-Methylphenols	7.28	107	1005960	42.169	ng	#	86
22) Acetophenone	7.29	105	1378342	40.664	ng	#	97
24) Nitrobenzene	7.46	77	1035552	39.535	ng		97
25) Isophorone	7.70	82	1894160	40.596	ng		99
26) 2-Nitrophenol	7.78	139	478032	42.796	ng		95
27) 2,4-Dimethylphenol	7.82	122	757859	39.291	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	1242803	41.338	ng		99
29) 2,4-Dichlorophenol	8.02	162	890606	41.769	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	1028836	41.615	ng		99
31) Naphthalene	8.19	128	2788360	43.139	ng		100
32) Benzoic acid	7.93	122	615991	42.553	ng		97
33) 4-Chloroaniline	8.23	127	1237060	41.408	ng		97
34) Hexachlorobutadiene	8.31	225	634409	42.137	ng		100
35) Caprolactam	8.60	113	275805m	39.526	ng		
36) 4-Chloro-3-methylphenol	8.71	107	862969	40.985	ng		100
37) 2-Methylnaphthalene	8.88	142	1931203	42.328	ng		99
38) 1-Methylnaphthalene	8.98	142	1855181	42.800	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1066777	42.197	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	458306	35.932	ng		99
43) 2,4,6-Trichlorophenol	9.15	196	703339	41.926	ng		100
44) 2,4,5-Trichlorophenol	9.19	196	713271	41.631	ng		98
46) 1,1'-Biphenyl	9.35	154	2416069	43.388	ng		97
47) 2-Chloronaphthalene	9.37	162	1988426	42.366	ng		97
48) 2-Nitroaniline	9.46	65	552496	38.294	ng		95
49) Acenaphthylene	9.79	152	2828874	42.843	ng		97
50) Dimethylphthalate	9.64	163	2243958	42.629	ng		100
51) 2,6-Dinitrotoluene	9.70	165	466265	39.556	ng		94
52) Acenaphthene	9.96	154	1852290	41.953	ng		99
53) 3-Nitroaniline	9.87	138	540433	40.152	ng		97
54) 2,4-Dinitrophenol	9.97	184	187927	39.935	ng	#	57
55) Dibenzofuran	10.13	168	2610995	42.673	ng		99
56) 4-Nitrophenol	10.02	139	398144	39.184	ng		89
57) 2,4-Dinitrotoluene	10.10	165	603011	40.580	ng		97
58) Fluorene	10.47	166	2048280	42.643	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	624125	41.416	ng		99
60) Diethylphthalate	10.34	149	2207232	43.247	ng		100
61) 4-Chlorophenyl-phenylether	10.46	204	1134110	43.412	ng		97
62) 4-Nitroaniline	10.48	138	542652	39.304	ng		97
63) Azobenzene	10.62	77	2081029	42.102	ng		94
65) 4,6-Dinitro-2-methylphenol	10.52	198	267166	41.690	ng		81
66) n-Nitrosodiphenylamine	10.57	169	1876552	42.696	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	778034	43.211	ng		97
68) Hexachlorobenzene	11.02	284	862545	42.254	ng		96
69) Atrazine	11.10	200	651505	42.768	ng		99
70) Pentachlorophenol	11.21	266	463158	40.809	ng		99
71) Phenanthrene	11.43	178	2978724	42.366	ng		98
72) Anthracene	11.48	178	3003394	43.170	ng		98
73) Carbazole	11.63	167	2661823	41.713	ng		99
74) Di-n-butylphthalate	11.96	149	3202515	45.170	ng		100
75) Fluoranthene	12.62	202	3105395	41.876	ng		99
77) Benzidine	12.73	184	1414639	51.935	ng		99
78) Pyrene	12.84	202	3140304	45.373	ng		98
80) Butylbenzylphthalate	13.46	149	1327146	46.854	ng		95
81) Benzo(a)anthracene	14.03	228	2669284	43.527	ng		99
82) 3,3'-Dichlorobenzidine	13.99	252	996571	45.606	ng		98
83) Chrysene	14.07	228	2521402	42.900	ng		99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1718603	49.662	ng		100
85) Di-n-octyl phthalate	14.63	149	2648547	51.706	ng		98
86) Indeno(1,2,3-cd)pyrene	17.00	276	2427938	47.543	ng		100
88) Benzo(b)fluoranthene	15.09	252	2385183	40.866	ng		99
89) Benzo(k)fluoranthene	15.12	252	2199771	40.681	ng		99
90) Benzo(a)pyrene	15.45	252	2069137	41.096	ng		98
91) Dibenzo(a,h)anthracene	17.01	278	2013329	45.207	ng		100
92) Benzo(g,h,i)perylene	17.44	276	1926401	44.549	ng		99

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

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