Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020320\
Data File : BF118796.D
Acq On : 3 Feb 2020 13:39
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
2/4/2020 6:13:38 PM

Quant Time: Feb 03 16:26:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 14:01:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	311662	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	1084933	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	616606	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	1177441	20.00	ng		0.00
76) Chrysene-d12	13.99	240	805931	20.00	ng		0.00
87) Perylene-d12	15.43	264	791104	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	2309335	137.62	ng		0.00
7) Phenol-d6	6.46	99	2839277	130.18	ng		0.01
23) Nitrobenzene-d5	7.39	82	2728314	140.66	ng		0.01
42) 2,4,6-Tribromophenol	10.66	330	1084218	152.03	ng		0.01
45) 2-Fluorobiphenyl	9.19	172	4589453	122.34	ng		0.00
79) Terphenyl-d14	12.93	244	5419197	146.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	554123	68.177	ng		99
3) Pyridine	3.29	79	1549359	67.633	ng		97
4) n-Nitrosodimethylamine	3.26	42	576714	58.721	ng		98
6) Aniline	6.49	93	1857619	64.682	ng		98
8) 2-Chlorophenol	6.61	128	1279442	67.928	ng		98
9) Benzaldehyde	6.37	77	628596	47.390	ng		98
10) Phenol	6.48	94	1571720	63.233	ng		82
11) bis(2-Chloroethyl)ether	6.56	93	1247650	67.655	ng		99
12) 1,3-Dichlorobenzene	6.76	146	1525958	69.218	ng		98
13) 1,4-Dichlorobenzene	6.84	146	1517594	68.576	ng		98
14) 1,2-Dichlorobenzene	7.00	146	1351403	64.960	ng		97
15) Benzyl Alcohol	6.97	79	1108241	64.073	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1517964	59.095	ng		97
17) 2-Methylphenol	7.08	107	1102175	70.251	ng		98
18) Hexachloroethane	7.33	117	560102	69.798	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	900999	61.180	ng		98
22) Acetophenone	7.24	105	1689518	65.737	ng	#	95
24) Nitrobenzene	7.41	77	1355115	68.231	ng		98
25) Isophorone	7.65	82	2483846	70.207	ng		99
26) 2-Nitrophenol	7.72	139	750870	88.656	ng		99
27) 2,4-Dimethylphenol	7.76	122	995076	68.039	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	1579496	69.289	ng		100
29) 2,4-Dichlorophenol	7.96	162	1181006	73.048	ng		99
30) 1,2,4-Trichlorobenzene	8.05	180	1344826	71.740	ng		99
31) Naphthalene	8.13	128	3484000	71.087	ng		97
32) Benzoic acid	7.92	122	948785	86.440	ng		99
33) 4-Chloroaniline	8.17	127	1666349	73.561	ng		99
34) Hexachlorobutadiene	8.25	225	824003	72.180	ng		98
35) Caprolactam	8.58	113	395257m	74.706	ng		
36) 4-Chloro-3-methylphenol	8.66	107	1191117	74.606	ng		99
37) 2-Methylnaphthalene	8.82	142	2434024	70.359	ng		97
38) 1-Methylnaphthalene	8.92	142	2283660	69.484	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	1317845	68.306	ng		99
41) Hexachlorocyclopentadiene	8.97	237	624795	64.187	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.10	196	930831	72.706	ng		99
44) 2,4,5-Trichlorophenol	9.14	196	942006	72.045	ng		96
46) 1,1'-Biphenyl	9.29	154	2947967	69.370	ng		97
47) 2-Chloronaphthalene	9.31	162	2501163	69.828	ng		97
48) 2-Nitroaniline	9.40	65	767951	69.746	ng		93
49) Acenaphthylene	9.73	152	3550301	70.456	ng		97
50) Dimethylphthalate	9.59	163	3050234	75.928	ng		99
51) 2,6-Dinitrotoluene	9.65	165	724539	80.542	ng		98
52) Acenaphthene	9.90	154	2408828	71.490	ng		99
53) 3-Nitroaniline	9.82	138	794646	77.361	ng		98
54) 2,4-Dinitrophenol	9.92	184	400970	111.649	ng		97
55) Dibenzofuran	10.07	168	3223943	69.043	ng		96
56) 4-Nitrophenol	9.98	139	594515	76.668	ng		94
57) 2,4-Dinitrotoluene	10.06	165	962197	84.846	ng	#	91
58) Fluorene	10.42	166	2400631	65.488	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	812685	70.665	ng		99
60) Diethylphthalate	10.29	149	2901465	74.491	ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	1299513	65.180	ng		96
62) 4-Nitroaniline	10.44	138	813878	77.243	ng		99
63) Azobenzene	10.56	77	2497004	66.195	ng		97
65) 4,6-Dinitro-2-methylphenol	10.47	198	536900	103.699	ng		93
66) n-Nitrosodiphenylamine	10.53	169	2375337	66.894	ng		98
67) 4-Bromophenyl-phenylether	10.89	248	1005543	69.125	ng		99
68) Hexachlorobenzene	10.96	284	1142014	69.245	ng		99
69) Atrazine	11.05	200	728728	59.210	ng		99
70) Pentachlorophenol	11.15	266	645121	70.355	ng		100
71) Phenanthrene	11.37	178	3782065	66.580	ng		97
72) Anthracene	11.43	178	3779126	67.235	ng		97
73) Carbazole	11.57	167	3527629	68.423	ng		97
74) Di-n-butylphthalate	11.91	149	4230713	73.860	ng	#	97
75) Fluoranthene	12.56	202	4099046	68.417	ng		96
77) Benzidine	12.67	184	1561836	72.529	ng		96
78) Pyrene	12.79	202	4116949	75.243	ng		96
80) Butylbenzylphthalate	13.40	149	1986599	88.715	ng		98
81) Benzo(a)anthracene	13.98	228	3384423	69.809	ng		98
82) 3,3'-Dichlorobenzidine	13.94	252	1367265	79.145	ng		99
83) Chrysene	14.02	228	3498189	75.288	ng		97
84) Bis(2-ethylhexyl)phthalate	13.97	149	2357993	86.190	ng		98
85) Di-n-octyl phthalate	14.58	149	3999091	98.755	ng		98
86) Indeno(1,2,3-cd)pyrene	16.89	276	3453251	85.534	ng		99
88) Benzo(b)fluoranthene	15.02	252	3731164	75.034	ng		99
89) Benzo(k)fluoranthene	15.05	252	3075641	66.761	ng		98
90) Benzo(a)pyrene	15.38	252	3142341	73.255	ng		99
91) Dibenzo(a,h)anthracene	16.90	278	2769256	72.983	ng		99
92) Benzo(g,h,i)perylene	17.32	276	2696742	73.199	ng		98

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

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