Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118588.D
Acq On : 20 Jan 2020 13:28
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
1/21/2020 2:25:55 PM

Quant Time: Jan 20 14:47:23 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	6.89	152	482922	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	1729007	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	987942	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	1801768	20.00	ng		0.00
76) Chrysene-d12	14.05	240	1250726	20.00	ng		0.00
87) Perylene-d12	15.52	264	1049673	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	3652890	139.76	ng		0.00
7) Phenol-d6	6.52	99	4814330	140.58	ng		0.01
23) Nitrobenzene-d5	7.46	82	4597885	164.24	ng		0.01
42) 2,4,6-Tribromophenol	10.72	330	1693069	155.02	ng		0.01
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
79) Terphenyl-d14	13.00	244	7386121	116.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	936194	74.548	ng		99
3) Pyridine	3.43	79	2640565	76.134	ng		100
4) n-Nitrosodimethylamine	3.39	42	1142864	71.843	ng		94
6) Aniline	6.56	93	3286804	73.326	ng		100
8) 2-Chlorophenol	6.67	128	2113300	71.096	ng		97
9) Benzaldehyde	6.43	77	1280748	73.056	ng		97
10) Phenol	6.53	94	2787395	74.186	ng		88
11) bis(2-Chloroethyl)ether	6.63	93	2086368	69.329	ng		97
12) 1,3-Dichlorobenzene	6.83	146	2449709	69.303	ng		98
13) 1,4-Dichlorobenzene	6.90	146	2440999	68.739	ng		96
14) 1,2-Dichlorobenzene	7.06	146	2239589	67.407	ng		97
15) Benzyl Alcohol	7.03	79	1973979	70.235	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	2873357	65.087	ng		98
17) 2-Methylphenol	7.13	107	1821395	72.189	ng		99
18) Hexachloroethane	7.40	117	916608	70.831	ng		99
19) n-Nitroso-di-n-propylamine	7.32	70	1710192	69.637	ng		97
20) 3+4-Methylphenols	7.30	107	2038224	67.553	ng		96
22) Acetophenone	7.30	105	2875764	68.539	ng		98
24) Nitrobenzene	7.47	77	2355157	79.109	ng		94
25) Isophorone	7.72	82	4330923	71.282	ng		98
26) 2-Nitrophenol	7.79	139	1117328	94.990	ng		99
27) 2,4-Dimethylphenol	7.82	122	1782305	73.759	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	2708640	69.385	ng		97
29) 2,4-Dichlorophenol	8.03	162	1973200	74.187	ng		97
30) 1,2,4-Trichlorobenzene	8.11	180	2183208	70.434	ng		98
31) Naphthalene	8.19	128	5313864	65.169	ng	#	94
32) Benzoic acid	7.97	122	1556124	104.820	ng		98
33) 4-Chloroaniline	8.24	127	2620574	69.169	ng		97
34) Hexachlorobutadiene	8.32	225	1341209	69.371	ng		99
35) Caprolactam	8.63	113	721916m	87.248	ng		
36) 4-Chloro-3-methylphenol	8.72	107	1940993	73.615	ng		99
37) 2-Methylnaphthalene	8.89	142	3829819	66.297	ng		97
38) 1-Methylnaphthalene	8.99	142	3661663	67.001	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	2211004	69.386	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	1172799	70.442	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	1580714	77.858	ng		100
44) 2,4,5-Trichlorophenol	9.20	196	1605117	78.198	ng		97
46) 1,1'-Biphenyl	9.35	154	4508473	63.866	ng		93
47) 2-Chloronaphthalene	9.37	162	4020659	67.574	ng		94
48) 2-Nitroaniline	9.47	65	1384879	89.490	ng		89
49) Acenaphthylene	9.79	152	5492985	65.385	ng		93
50) Dimethylphthalate	9.66	163	4633040	68.302	ng		97
51) 2,6-Dinitrotoluene	9.71	165	1159205	89.567	ng		94
52) Acenaphthene	9.96	154	3815133	69.322	ng		97
53) 3-Nitroaniline	9.88	138	1304347	88.965	ng		98
54) 2,4-Dinitrophenol	9.98	184	539870	124.045	ng	#	38
55) Dibenzofuran	10.13	168	5065167	65.036	ng		94
56) 4-Nitrophenol	10.03	139	985670	91.010	ng		94
57) 2,4-Dinitrotoluene	10.12	165	1490663	94.782	ng		99
58) Fluorene	10.48	166	3837221	63.625	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	1411208	80.363	ng		99
60) Diethylphthalate	10.35	149	4391864	66.320	ng		94
61) 4-Chlorophenyl-phenylether	10.47	204	2187190	66.290	ng		97
62) 4-Nitroaniline	10.50	138	1319298	90.601	ng		99
63) Azobenzene	10.63	77	4206304	65.172	ng		92
65) 4,6-Dinitro-2-methylphenol	10.53	198	713558	110.648	ng		87
66) n-Nitrosodiphenylamine	10.59	169	3833469	66.215	ng		98
67) 4-Bromophenyl-phenylether	10.96	248	1664726	69.022	ng		94
68) Hexachlorobenzene	11.03	284	1861442	69.646	ng		97
69) Atrazine	11.12	200	1409795	84.384	ng		99
70) Pentachlorophenol	11.22	266	1140338	86.814	ng		99
71) Phenanthrene	11.44	178	5752284	63.515	ng		93
72) Anthracene	11.49	178	5673094	62.784	ng		93
73) Carbazole	11.64	167	5390407	66.146	ng		94
74) Di-n-butylphthalate	11.97	149	5781906	57.093	ng	#	94
75) Fluoranthene	12.63	202	5909626	60.677	ng		93
77) Benzidine	12.74	184	2101824	69.166	ng	#	93
78) Pyrene	12.86	202	6154033	65.925	ng		93
80) Butylbenzylphthalate	13.47	149	2814704	70.341	ng		96
81) Benzo(a)anthracene	14.04	228	5197011	65.830	ng		94
82) 3,3'-Dichlorobenzidine	14.00	252	1937939	69.967	ng		98
83) Chrysene	14.08	228	5107671	67.262	ng		93
84) Bis(2-ethylhexyl)phthalate	14.03	149	3139243	63.206	ng		96
85) Di-n-octyl phthalate	14.64	149	4777697	62.817	ng		98
86) Indeno(1,2,3-cd)pyrene	17.00	276	5124417	68.575	ng		99
88) Benzo(b)fluoranthene	15.09	252	4776513	69.868	ng		96
89) Benzo(k)fluoranthene	15.13	252	4539158	73.465	ng		96
90) Benzo(a)pyrene	15.46	252	4293291	72.172	ng		97
91) Dibenzo(a,h)anthracene	17.03	278	4135694	74.436	ng		97
92) Benzo(g,h,i)perylene	17.46	276	4119713	76.764	ng		97

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

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