Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118587.D
Acq On : 20 Jan 2020 13:00
Operator : CG/JU
Sample : SSTDICC100
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC100

Manual Integrations APPROVED
mohammad
1/21/2020 2:25:52 PM

Quant Time: Jan 20 14:48:39 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	497007	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	1674457	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	922904	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	1648106	20.00	ng		0.00
76) Chrysene-d12	14.05	240	1134795	20.00	ng		0.00
87) Perylene-d12	15.52	264	983418	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	4351068	161.76	ng		0.00
7) Phenol-d6	6.52	99	5648478	160.26	ng		0.01
23) Nitrobenzene-d5	7.46	82	5337689	196.88	ng		0.01
42) 2,4,6-Tribromophenol	10.72	330	1869090	183.20	ng		0.01
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
79) Terphenyl-d14	13.00	244	8177527	142.32	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	1144129	88.524	ng		99
3) Pyridine	3.43	79	3241176	90.802	ng		100
4) n-Nitrosodimethylamine	3.39	42	1400236	85.527	ng		96
6) Aniline	6.56	93	3898162	84.500	ng		99
8) 2-Chlorophenol	6.68	128	2479392	81.048	ng		98
10) Phenol	6.54	94	3236558	83.699	ng		83
11) bis(2-Chloroethyl)ether	6.63	93	2458728	79.387	ng		97
12) 1,3-Dichlorobenzene	6.83	146	2847726	78.280	ng		97
13) 1,4-Dichlorobenzene	6.90	146	2883192	78.891	ng		96
14) 1,2-Dichlorobenzene	7.06	146	2568922	75.129	ng		97
15) Benzyl Alcohol	7.03	79	2271727	78.539	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	3401607	74.869	ng		97
17) 2-Methylphenol	7.13	107	2189167	84.307	ng		99
18) Hexachloroethane	7.40	117	1083674	81.368	ng		98
19) n-Nitroso-di-n-propylamine	7.32	70	1983805	78.489	ng		99
20) 3+4-Methylphenols	7.30	107	2330383	75.047	ng		95
22) Acetophenone	7.30	105	3298032	81.164	ng	#	91
24) Nitrobenzene	7.47	77	2768702	96.030	ng		96
25) Isophorone	7.72	82	5090529	86.513	ng		98
26) 2-Nitrophenol	7.79	139	1325882	116.392	ng		99
27) 2,4-Dimethylphenol	7.82	122	2118975	90.549	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	3125242	82.665	ng		96
29) 2,4-Dichlorophenol	8.03	162	2314703	89.862	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	2546933	84.845	ng		98
31) Naphthalene	8.20	128	5861798	74.231	ng	#	91
32) Benzoic acid	7.99	122	1836944	127.767	ng		99
33) 4-Chloroaniline	8.24	127	3047271	83.052	ng		96
34) Hexachlorobutadiene	8.32	225	1553192	82.952	ng		99
35) Caprolactam	8.65	113	825188m	102.978	ng		
36) 4-Chloro-3-methylphenol	8.73	107	2256957	88.387	ng		96
37) 2-Methylnaphthalene	8.89	142	4357868	77.896	ng		96
38) 1-Methylnaphthalene	8.99	142	4115082	77.751	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	2461472	82.690	ng		99
41) Hexachlorocyclopentadiene	9.05	237	1374126	88.351	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.16	196	1807256	95.289	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	1833993	95.645	ng		99
46) 1,1'-Biphenyl	9.35	154	4930497	74.767	ng		93
47) 2-Chloronaphthalene	9.37	162	4453440	80.123	ng		93
48) 2-Nitroaniline	9.47	65	1554861	107.555	ng		94
49) Acenaphthylene	9.79	152	6060895	77.229	ng	#	92
50) Dimethylphthalate	9.66	163	5143392	81.169	ng		97
51) 2,6-Dinitrotoluene	9.72	165	1296582	107.242	ng	#	84
52) Acenaphthene	9.97	154	4190924	81.517	ng		98
53) 3-Nitroaniline	9.89	138	1445350	105.529	ng		98
54) 2,4-Dinitrophenol	9.98	184	628515	154.590	ng	#	44
55) Dibenzofuran	10.14	168	5588982	76.819	ng		92
56) 4-Nitrophenol	10.04	139	1127663	111.458	ng		90
57) 2,4-Dinitrotoluene	10.12	165	1666157	113.406	ng		95
58) Fluorene	10.48	166	4200861	74.563	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	1581364	96.399	ng		99
60) Diethylphthalate	10.36	149	4842841	78.284	ng		91
61) 4-Chlorophenyl-phenylether	10.47	204	2358703	76.526	ng		96
62) 4-Nitroaniline	10.51	138	1499230	110.214	ng		99
63) Azobenzene	10.63	77	4593515	76.186	ng		87
65) 4,6-Dinitro-2-methylphenol	10.53	198	814256	138.035	ng		97
66) n-Nitrosodiphenylamine	10.59	169	4207099	79.444	ng		96
67) 4-Bromophenyl-phenylether	10.96	248	1838529	83.335	ng		98
68) Hexachlorobenzene	11.03	284	2051722	83.922	ng	#	93
69) Atrazine	11.12	200	1577463	103.224	ng		98
70) Pentachlorophenol	11.22	266	1278071	106.372	ng		99
71) Phenanthrene	11.44	178	6145752	74.187	ng		92
72) Anthracene	11.49	178	6133347	74.207	ng		92
73) Carbazole	11.65	167	5787010	77.634	ng		93
74) Di-n-butylphthalate	11.97	149	6246408	67.431	ng	#	93
75) Fluoranthene	12.63	202	6558376	73.617	ng		92
78) Pyrene	12.86	202	6651020	78.528	ng		92
80) Butylbenzylphthalate	13.47	149	3081863	84.886	ng		95
81) Benzo(a)anthracene	14.04	228	5528970	77.189	ng		93
82) 3,3'-Dichlorobenzidine	14.00	252	2100533	83.585	ng		100
83) Chrysene	14.08	228	5475300	79.469	ng		92
84) Bis(2-ethylhexyl)phthalate	14.03	149	3373640	74.865	ng		96
85) Di-n-octyl phthalate	14.64	149	5138483	74.463	ng		98
86) Indeno(1,2,3-cd)pyrene	17.01	276	6262298	92.364	ng		99
88) Benzo(b)fluoranthene	15.09	252	5700037	88.993	ng		96
89) Benzo(k)fluoranthene	15.13	252	4628546	79.959	ng		94
90) Benzo(a)pyrene	15.46	252	4895195	87.834	ng		97
91) Dibenzo(a,h)anthracene	17.03	278	4952353	95.140	ng		96
92) Benzo(g,h,i)perylene	17.46	276	5054679	100.530	ng		97

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

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