Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118586.D
Acq On : 20 Jan 2020 12:32
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
mohammad
1/21/2020 2:25:50 PM

Quant Time: Jan 20 13:13:56 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	463855	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1693488	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	962036	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	1760561	20.00	ng	0.00
76) Chrysene-d12	14.05	240	1294854	20.00	ng	0.00
87) Perylene-d12	15.52	264	1067686	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	2892079	115.20	ng	0.00
7) Phenol-d6	6.52	99	3800649	115.54	ng	0.00
23) Nitrobenzene-d5	7.45	82	3577772	130.48	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	1347121	126.67	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	5611632	105.30	ng	0.00
79) Terphenyl-d14	13.00	244	6530004	99.60	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.66	88	706858	58.600	ng	99
3) Pyridine	3.43	79	2010623	60.354	ng	100
4) n-Nitrosodimethylamine	3.37	42	869025	56.874	ng	99
6) Aniline	6.55	93	2547536	59.169	ng	100
8) 2-Chlorophenol	6.67	128	1660822	58.170	ng	97
9) Benzaldehyde	6.43	77	1041414	61.846	ng	96
10) Phenol	6.53	94	2162978	59.933	ng	95
11) bis(2-Chloroethyl)ether	6.62	93	1608982	55.663	ng	99
12) 1,3-Dichlorobenzene	6.83	146	1890969	55.695	ng	98
13) 1,4-Dichlorobenzene	6.90	146	1907975	55.938	ng	98
14) 1,2-Dichlorobenzene	7.06	146	1804245	56.537	ng	98
15) Benzyl Alcohol	7.03	79	1545297	57.243	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	2231049	52.615	ng	99
17) 2-Methylphenol	7.13	107	1391815	57.431	ng	99
18) Hexachloroethane	7.40	117	703888	56.629	ng	99
19) n-Nitroso-di-n-propylamine	7.30	70	1302461	55.215	ng	100
20) 3+4-Methylphenols	7.29	107	1657445	57.191	ng	98
22) Acetophenone	7.30	105	2298643	55.934	ng	98
24) Nitrobenzene	7.47	77	1820901	62.446	ng	97
25) Isophorone	7.71	82	3266567	54.891	ng	99
26) 2-Nitrophenol	7.78	139	832143	72.228	ng	96
27) 2,4-Dimethylphenol	7.82	122	1361370	57.521	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	2090472	54.673	ng	98
29) 2,4-Dichlorophenol	8.02	162	1509508	57.944	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	1712878	56.419	ng	99
31) Naphthalene	8.19	128	4344303	54.396	ng	95
32) Benzoic acid	7.96	122	1139111	78.339	ng	97
33) 4-Chloroaniline	8.23	127	2054564	55.367	ng	97
34) Hexachlorobutadiene	8.32	225	1045284	55.199	ng	99
35) Caprolactam	8.62	113	494112m	60.969	ng	
36) 4-Chloro-3-methylphenol	8.72	107	1486175	57.548	ng	99
37) 2-Methylnaphthalene	8.88	142	3129499	55.310	ng	99
38) 1-Methylnaphthalene	8.98	142	2983022	55.728	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1736866	55.974	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	921075	56.813	ng		100
43) 2,4,6-Trichlorophenol	9.16	196	1212077	61.308	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	1214354	60.754	ng		96
46) 1,1'-Biphenyl	9.35	154	3743424	54.457	ng		97
47) 2-Chloronaphthalene	9.37	162	3206382	55.340	ng		99
48) 2-Nitroaniline	9.46	65	1045559	69.383	ng		95
49) Acenaphthylene	9.79	152	4489479	54.879	ng		97
50) Dimethylphthalate	9.65	163	3611294	54.672	ng		98
51) 2,6-Dinitrotoluene	9.70	165	870358	69.060	ng		95
52) Acenaphthene	9.96	154	3070456	57.294	ng		98
53) 3-Nitroaniline	9.87	138	985139	69.002	ng		98
54) 2,4-Dinitrophenol	9.97	184	373571	88.146	ng	#	46
55) Dibenzofuran	10.13	168	4148214	54.697	ng		96
56) 4-Nitrophenol	10.03	139	753342	71.431	ng		90
57) 2,4-Dinitrotoluene	10.11	165	1106010	72.218	ng		98
58) Fluorene	10.47	166	3257015	55.458	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	1102838	64.494	ng		99
60) Diethylphthalate	10.35	149	3547315	55.009	ng		96
61) 4-Chlorophenyl-phenylether	10.47	204	1775138	55.250	ng		97
62) 4-Nitroaniline	10.49	138	1008000	71.087	ng		98
63) Azobenzene	10.63	77	3396545	54.042	ng		93
65) 4,6-Dinitro-2-methylphenol	10.52	198	511626	81.192	ng		80
66) n-Nitrosodiphenylamine	10.59	169	3052923	53.967	ng		98
67) 4-Bromophenyl-phenylether	10.96	248	1295230	54.959	ng		97
68) Hexachlorobenzene	11.03	284	1458540	55.848	ng		94
69) Atrazine	11.11	200	1104245	67.642	ng		99
70) Pentachlorophenol	11.21	266	864441	67.350	ng		97
71) Phenanthrene	11.44	178	4747625	53.649	ng		97
72) Anthracene	11.49	178	4684195	53.054	ng		97
73) Carbazole	11.64	167	4359184	54.744	ng		96
74) Di-n-butylphthalate	11.97	149	4823273	48.742	ng		97
75) Fluoranthene	12.62	202	4977223	52.300	ng		96
77) Benzidine	12.74	184	2109109	67.041	ng		97
78) Pyrene	12.85	202	5046562	52.219	ng		96
80) Butylbenzylphthalate	13.47	149	2202202	53.159	ng		97
81) Benzo(a)anthracene	14.04	228	4435116	54.264	ng		96
82) 3,3'-Dichlorobenzidine	14.00	252	1663173	58.000	ng		99
83) Chrysene	14.08	228	4225129	53.744	ng		96
84) Bis(2-ethylhexyl)phthalate	14.03	149	2565958	49.903	ng		97
85) Di-n-octyl phthalate	14.64	149	3893242	49.444	ng		99
86) Indeno(1,2,3-cd)pyrene	17.00	276	3830931	49.519	ng		100
88) Benzo(b)fluoranthene	15.09	252	3979668	57.230	ng		98
89) Benzo(k)fluoranthene	15.12	252	3648346	58.052	ng		97
90) Benzo(a)pyrene	15.46	252	3460761	57.195	ng		98
91) Dibenzo(a,h)anthracene	17.02	278	3124505	55.288	ng		98
92) Benzo(g,h,i)perylene	17.45	276	3048521	55.845	ng		97

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

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