Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118646.D
Acq On : 21 Jan 2020 21:42
Operator : CG/JU
Sample : L1004-12MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-101720MS

Manual Integrations APPROVED
mohammad
1/22/2020 1:36:23 PM

Quant Time: Jan 22 04:47:37 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	399478	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1464605	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	805605	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	1481827	20.00	ng	0.00
76) Chrysene-d12	14.04	240	994146	20.00	ng	0.00
87) Perylene-d12	15.51	264	838547	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	2670706	124.17	ng	0.02
7) Phenol-d6	6.52	99	3372046	120.62	ng	0.00
23) Nitrobenzene-d5	7.44	82	2396266	91.51	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	1318082	141.46	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	4346587	88.68	ng	0.00
79) Terphenyl-d14	12.99	244	4882695	107.12	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.87	88	426893	40.977	ng	# 82
3) Pyridine	3.57	79	461108	15.704	ng	97
4) n-Nitrosodimethylamine	3.50	42	515123	40.920	ng	85
6) Aniline	6.55	93	117617	3.195	ng	98
8) 2-Chlorophenol	6.67	128	1152265	47.728	ng	100
9) Benzaldehyde	6.43	77	371827	21.870	ng	97
10) Phenol	6.53	94	1234840	38.759	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	1101727	46.609	ng	100
12) 1,3-Dichlorobenzene	6.82	146	1259244	44.563	ng	98
13) 1,4-Dichlorobenzene	6.90	146	1269825	44.766	ng	100
14) 1,2-Dichlorobenzene	7.05	146	1213070	45.493	ng	99
15) Benzyl Alcohol	7.02	79	913492	41.204	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1424292	43.259	ng	99
17) 2-Methylphenol	7.13	107	942027	46.844	ng	99
18) Hexachloroethane	7.40	117	446429	43.403	ng	99
19) n-Nitroso-di-n-propylamine	7.29	70	836027	44.289	ng	99
20) 3+4-Methylphenols	7.28	107	1131698	46.093	ng	91
22) Acetophenone	7.29	105	1513803	43.632	ng	97
24) Nitrobenzene	7.46	77	1238097	46.179	ng	100
25) Isophorone	7.70	82	2216049	46.400	ng	100
26) 2-Nitrophenol	7.77	139	600171	52.493	ng	97
27) 2,4-Dimethylphenol	7.81	122	1029698	52.154	ng	96
28) bis(2-Chloroethoxy)methane	7.91	93	1337931	43.477	ng	99
29) 2,4-Dichlorophenol	8.02	162	1042180	47.751	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	1131509	44.713	ng	99
31) Naphthalene	8.19	128	3200734	48.378	ng	100
32) Benzoic acid	7.93	122	593044	40.024	ng	97
33) 4-Chloroaniline	8.22	127	54737	1.790	ng	94
34) Hexachlorobutadiene	8.30	225	664394	43.112	ng	98
35) Caprolactam	8.60	113	269326m	37.708	ng	
36) 4-Chloro-3-methylphenol	8.71	107	1033390	47.948	ng	100
37) 2-Methylnaphthalene	8.87	142	2285280	48.935	ng	100
38) 1-Methylnaphthalene	8.97	142	2146096	48.371	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1128804	44.782	ng	98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	1230177	96.730	ng		100
43) 2,4,6-Trichlorophenol	9.15	196	808357	48.327	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	842582	49.323	ng		98
46) 1,1'-Biphenyl	9.34	154	2687827	48.410	ng		99
47) 2-Chloronaphthalene	9.36	162	2194462	46.892	ng		99
48) 2-Nitroaniline	9.46	65	583420	40.556	ng		87
49) Acenaphthylene	9.78	152	3302402	50.161	ng		99
50) Dimethylphthalate	9.64	163	2750920	52.412	ng		100
51) 2,6-Dinitrotoluene	9.70	165	583208	49.622	ng		87
52) Acenaphthene	9.96	154	2278520	51.758	ng		98
53) 3-Nitroaniline	9.86	138	23504	1.751	ng	#	96
54) 2,4-Dinitrophenol	9.97	184	496322	105.777	ng	#	31
55) Dibenzofuran	10.13	168	3021958	49.534	ng		98
56) 4-Nitrophenol	10.03	139	928909	91.688	ng		90
57) 2,4-Dinitrotoluene	10.10	165	780149	52.654	ng		96
58) Fluorene	10.47	166	2313420	48.303	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	744697	49.562	ng		97
60) Diethylphthalate	10.34	149	2370813	46.588	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	1229658	47.207	ng		97
62) 4-Nitroaniline	10.47	138	292897	21.277	ng		91
63) Azobenzene	10.62	77	2321546	47.105	ng		97
65) 4,6-Dinitro-2-methylphenol	10.51	198	367039	56.329	ng		90
66) n-Nitrosodiphenylamine	10.57	169	1292919	28.932	ng		98
67) 4-Bromophenyl-phenylether	10.95	248	854420	46.671	ng		99
68) Hexachlorobenzene	11.02	284	936983	45.143	ng	#	93
69) Atrazine	11.10	200	460820	29.751	ng		98
70) Pentachlorophenol	11.21	266	1081796	93.744	ng		98
71) Phenanthrene	11.43	178	3446916	48.216	ng		98
72) Anthracene	11.48	178	3485218	49.269	ng		99
73) Carbazole	11.63	167	2588882	39.900	ng		98
74) Di-n-butylphthalate	11.96	149	3467998	48.108	ng		99
75) Fluoranthene	12.62	202	3604259	47.801	ng		99
77) Benzidine	12.73	184	7005	0.264	ng	#	1
78) Pyrene	12.84	202	3606339	53.432	ng		98
80) Butylbenzylphthalate	13.46	149	1489232	53.914	ng		97
81) Benzo(a)anthracene	14.03	228	2895450	48.416	ng		99
82) 3,3'-Dichlorobenzidine	13.99	252	35991	1.689	ng		97
83) Chrysene	14.07	228	2745382	47.900	ng		99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1865724	55.285	ng		100
85) Di-n-octyl phthalate	14.63	149	2753380	55.121	ng		99
86) Indeno(1,2,3-cd)pyrene	16.99	276	3190671	64.068	ng		99
88) Benzo(b)fluoranthene	15.08	252	2831916	53.728	ng		99
89) Benzo(k)fluoranthene	15.11	252	2332010	47.755	ng		99
90) Benzo(a)pyrene	15.44	252	2307594	50.752	ng		98
91) Dibenzo(a,h)anthracene	17.01	278	2684747	66.753	ng		98
92) Benzo(g,h,i)perylene	17.44	276	2714554	69.513	ng		97

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

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