Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119901.D
Acq On : 10 Apr 2020 18:12
Operator : MA/SJ
Sample : L2201-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CG-SUBMS

Manual Integrations APPROVED
mohammad
4/14/2020 3:39:07 PM

Quant Time: Apr 11 02:12:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 10 13:48:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	160444	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	570477	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	330882	20.00	ng	0.00
64) Phenanthrene-d10	11.28	188	576458	20.00	ng	0.00
76) Chrysene-d12	13.93	240	386285	20.00	ng	0.00
87) Perylene-d12	15.36	264	332437	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	769299	82.86	ng	0.01
7) Phenol-d6	6.39	99	1086775	90.85	ng	0.00
23) Nitrobenzene-d5	7.32	82	666361	60.43	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	338269	83.50	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1329073	57.03	ng	0.00
79) Terphenyl-d14	12.87	244	1342429	58.48	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.51	88	174559	42.214	ng	97
3) Pyridine	3.22	79	477570	42.094	ng	96
4) n-Nitrosodimethylamine	3.18	42	284333	49.051	ng	97
6) Aniline	6.42	93	716356	45.624	ng	100
8) 2-Chlorophenol	6.54	128	594301	57.292	ng	99
9) Benzaldehyde	6.30	77	284672	48.653	ng	98
10) Phenol	6.40	94	743521	54.784	ng	98
11) bis(2-Chloroethyl)ether	6.49	93	554887	52.952	ng	98
12) 1,3-Dichlorobenzene	6.69	146	580844	51.146	ng	100
13) 1,4-Dichlorobenzene	6.77	146	587241	50.762	ng	99
14) 1,2-Dichlorobenzene	6.92	146	553425	51.909	ng	99
15) Benzyl Alcohol	6.90	79	485242	52.224	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	985845	48.346	ng	99
17) 2-Methylphenol	7.02	107	470564	50.832	ng	99
18) Hexachloroethane	7.26	117	220832	51.078	ng	99
19) n-Nitroso-di-n-propylamine	7.17	70	393270	51.122	ng	99
20) 3+4-Methylphenols	7.17	107	573851	50.685	ng	99
22) Acetophenone	7.17	105	760408	56.922	ng	97
24) Nitrobenzene	7.34	77	597875	53.897	ng	96
25) Isophorone	7.59	82	1044262	49.125	ng	99
26) 2-Nitrophenol	7.66	139	290113	52.348	ng	94
27) 2,4-Dimethylphenol	7.70	122	454215	54.342	ng	98
28) bis(2-Chloroethoxy)methane	7.79	93	659532	52.726	ng	99
29) 2,4-Dichlorophenol	7.90	162	445626	52.013	ng	97
30) 1,2,4-Trichlorobenzene	7.98	180	482089	49.660	ng	99
31) Naphthalene	8.06	128	1524718	50.799	ng	99
32) Benzoic acid	7.84	122	376262	51.256	ng	94
33) 4-Chloroaniline	8.11	127	454756	34.803	ng	99
34) Hexachlorobutadiene	8.18	225	288495	49.645	ng	99
35) Caprolactam	8.49	113	141505m	53.993	ng	
36) 4-Chloro-3-methylphenol	8.60	107	494237	53.282	ng	93
37) 2-Methylnaphthalene	8.76	142	1030581	50.646	ng	98
38) 1-Methylnaphthalene	8.85	142	1068220	55.695	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	497135	47.570	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	597444	100.535	ng		97
43) 2,4,6-Trichlorophenol	9.03	196	373485	51.753	ng		99
44) 2,4,5-Trichlorophenol	9.07	196	385545	47.434	ng		97
46) 1,1'-Biphenyl	9.22	154	1372668	49.150	ng		99
47) 2-Chloronaphthalene	9.25	162	1062492	49.385	ng		98
48) 2-Nitroaniline	9.34	65	392657	50.363	ng		95
49) Acenaphthylene	9.66	152	1677061	51.256	ng		99
50) Dimethylphthalate	9.53	163	1430829	55.907	ng		100
51) 2,6-Dinitrotoluene	9.59	165	286844	51.181	ng		93
52) Acenaphthene	9.83	154	1212201m	55.539	ng		
53) 3-Nitroaniline	9.75	138	231733	36.203	ng		99
54) 2,4-Dinitrophenol	9.86	184	357028	106.404	ng		93
55) Dibenzofuran	10.00	168	1513167	50.522	ng		99
56) 4-Nitrophenol	9.93	139	480783	100.950	ng		92
57) 2,4-Dinitrotoluene	9.99	165	374550	50.725	ng		95
58) Fluorene	10.35	166	1180058	49.265	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	323437	52.029	ng		99
60) Diethylphthalate	10.23	149	1301160	49.053	ng		100
61) 4-Chlorophenyl-phenylether	10.34	204	549652	44.771	ng		95
62) 4-Nitroaniline	10.37	138	307283	50.374	ng		99
63) Azobenzene	10.50	77	1218054	51.239	ng		98
65) 4,6-Dinitro-2-methylphenol	10.40	198	224553	59.128	ng		82
66) n-Nitrosodiphenylamine	10.46	169	1071851	55.909	ng		98
67) 4-Bromophenyl-phenylether	10.83	248	367892	51.318	ng		95
68) Hexachlorobenzene	10.90	284	391040	53.770	ng	#	93
69) Atrazine	10.99	200	300469	56.330	ng		97
70) Pentachlorophenol	11.09	266	409846	97.792	ng		99
71) Phenanthrene	11.31	178	1564843	51.006	ng		98
72) Anthracene	11.36	178	1615510	51.546	ng		99
73) Carbazole	11.52	167	1505480	50.795	ng		99
74) Di-n-butylphthalate	11.85	149	1864600	47.856	ng		100
75) Fluoranthene	12.50	202	1712552	51.734	ng		98
77) Benzidine	12.62	184	1030443	78.916	ng		96
78) Pyrene	12.73	202	1674948	51.435	ng		99
80) Butylbenzylphthalate	13.35	149	751447	47.556	ng		99
81) Benzo(a)anthracene	13.92	228	1301174	51.203	ng		100
82) 3,3'-Dichlorobenzidine	13.88	252	342642	36.136	ng		97
83) Chrysene	13.96	228	1313752	50.879	ng		99
84) Bis(2-ethylhexyl)phthalate	13.91	149	955433	44.650	ng		96
85) Di-n-octyl phthalate	14.53	149	1542315	42.331	ng		100
86) Indeno(1,2,3-cd)pyrene	16.77	276	1147805	50.428	ng		100
88) Benzo(b)fluoranthene	14.95	252	1329491	55.593	ng		99
89) Benzo(k)fluoranthene	14.98	252	1225150	59.375	ng		100
90) Benzo(a)pyrene	15.30	252	1050430	52.241	ng		99
91) Dibenzo(a,h)anthracene	16.79	278	942267	52.904	ng		98
92) Benzo(g,h,i)perylene	17.20	276	1040406	59.177	ng		96

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

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