Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022620\
Data File : BF119093.D
Acq On : 26 Feb 2020 14:25
Operator : CG/JU
Sample : L1681-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SH-BORING-2MS

Manual Integrations APPROVED
mohammad
2/27/2020 4:58:24 PM

Quant Time: Feb 26 16:36:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	153529	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	597825	20.00	ng		0.00
39) Acenaphthene-d10	9.78	164	334307	20.00	ng		0.00
64) Phenanthrene-d10	11.26	188	637139	20.00	ng		0.00
76) Chrysene-d12	13.90	240	444416	20.00	ng		0.00
87) Perylene-d12	15.32	264	364860	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	605468	65.91	ng		0.00
7) Phenol-d6	6.39	99	730583	65.39	ng		-0.01
23) Nitrobenzene-d5	7.31	82	476840	42.11	ng		-0.01
42) 2,4,6-Tribromophenol	10.57	330	262120	59.94	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	927174	40.86	ng		0.00
79) Terphenyl-d14	12.84	244	1129670	43.76	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	160660	39.278	ng		97
3) Pyridine	3.22	79	402888	36.066	ng		98
4) n-Nitrosodimethylamine	3.17	42	161623	47.762	ng		100
6) Aniline	6.41	93	481094	34.896	ng		85
8) 2-Chlorophenol	6.53	128	489895	49.413	ng		100
9) Benzaldehyde	6.29	77	200346	26.839	ng		99
10) Phenol	6.40	94	576346	47.711	ng		97
11) bis(2-Chloroethyl)ether	6.48	93	433535	46.905	ng		98
12) 1,3-Dichlorobenzene	6.69	146	527185	44.365	ng		98
13) 1,4-Dichlorobenzene	6.76	146	536353	45.105	ng		99
14) 1,2-Dichlorobenzene	6.92	146	503836	46.459	ng		99
15) Benzyl Alcohol	6.89	79	405448	50.210	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	350588	43.787	ng		89
17) 2-Methylphenol	7.01	107	387234	48.175	ng		96
18) Hexachloroethane	7.26	117	191227	44.950	ng		96
19) n-Nitroso-di-n-propylamine	7.16	70	310112	47.633	ng		99
20) 3+4-Methylphenols	7.17	107	476335	48.370	ng		95
22) Acetophenone	7.16	105	630624	45.591	ng	#	98
24) Nitrobenzene	7.33	77	496737	44.364	ng		97
25) Isophorone	7.57	82	887785	45.148	ng		100
26) 2-Nitrophenol	7.65	139	270934	45.669	ng		98
27) 2,4-Dimethylphenol	7.69	122	413625	51.372	ng		98
28) bis(2-Chloroethoxy)methane	7.78	93	531501	41.527	ng		100
29) 2,4-Dichlorophenol	7.89	162	420364	44.349	ng		99
30) 1,2,4-Trichlorobenzene	7.97	180	466766	41.534	ng		99
31) Naphthalene	8.05	128	1361154	43.902	ng		99
32) Benzoic acid	7.85	122	273186	46.709	ng		98
33) 4-Chloroaniline	8.10	127	220030	16.500	ng		98
34) Hexachlorobutadiene	8.17	225	282851	40.406	ng		99
35) Caprolactam	8.48	113	136381m	46.728	ng		
36) 4-Chloro-3-methylphenol	8.60	107	443760	46.260	ng		98
37) 2-Methylnaphthalene	8.74	142	932952	44.714	ng		99
38) 1-Methylnaphthalene	8.84	142	879127	44.802	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	465914	41.336	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	335645	81.597	ng	100
43) 2,4,6-Trichlorophenol	9.03	196	307250	43.166	ng	99
44) 2,4,5-Trichlorophenol	9.07	196	330481	44.246	ng	98
46) 1,1'-Biphenyl	9.20	154	1129713	41.812	ng	99
47) 2-Chloronaphthalene	9.23	162	902612	41.455	ng	98
48) 2-Nitroaniline	9.33	65	261552	43.069	ng	98
49) Acenaphthylene	9.65	152	1397511	44.440	ng	99
50) Dimethylphthalate	9.51	163	1161868	45.450	ng	99
51) 2,6-Dinitrotoluene	9.57	165	254938	44.887	ng	96
52) Acenaphthene	9.82	154	811215	42.781	ng	100
53) 3-Nitroaniline	9.74	138	146256	23.228	ng	99
54) 2,4-Dinitrophenol	9.86	184	220901	80.023	ng	92
55) Dibenzofuran	9.99	168	1225522	43.301	ng	100
56) 4-Nitrophenol	9.92	139	323437	85.497	ng	94
57) 2,4-Dinitrotoluene	9.98	165	326687	44.376	ng	93
58) Fluorene	10.33	166	982944	44.694	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.11	232	282816	44.874	ng	99
60) Diethylphthalate	10.20	149	1084423	45.014	ng	99
61) 4-Chlorophenyl-phenylether	10.32	204	505722	43.443	ng	96
62) 4-Nitroaniline	10.36	138	257207	39.927	ng	98
63) Azobenzene	10.48	77	947430	45.245	ng	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	187083	48.525	ng	97
66) n-Nitrosodiphenylamine	10.44	169	908969	43.570	ng	98
67) 4-Bromophenyl-phenylether	10.81	248	345223	41.452	ng	92
68) Hexachlorobenzene	10.88	284	397438	41.391	ng	98
69) Atrazine	10.97	200	320857	44.019	ng	98
70) Pentachlorophenol	11.08	266	340703	88.084	ng	99
71) Phenanthrene	11.29	178	1488266	42.832	ng	98
72) Anthracene	11.34	178	1541878	44.412	ng	99
73) Carbazole	11.50	167	1322555	42.761	ng	99
74) Di-n-butylphthalate	11.83	149	1683805	44.955	ng	98
75) Fluoranthene	12.47	202	1587481	43.042	ng	99
77) Benzidine	12.59	184	739715	40.927	ng	99
78) Pyrene	12.70	202	1564349	43.836	ng	99
80) Butylbenzylphthalate	13.32	149	690029	45.943	ng	96
81) Benzo(a)anthracene	13.89	228	1272545	42.025	ng	99
82) 3,3'-Dichlorobenzidine	13.85	252	315250	26.811	ng	99
83) Chrysene	13.93	228	1227600	40.686	ng	99
84) Bis(2-ethylhexyl)phthalate	13.88	149	909621	47.939	ng	100
85) Di-n-octyl phthalate	14.49	149	1424018	47.102	ng	99
86) Indeno(1,2,3-cd)pyrene	16.73	276	1165190	39.883	ng	100
88) Benzo(b)fluoranthene	14.92	252	1043559	43.392	ng	99
89) Benzo(k)fluoranthene	14.94	252	1080755	48.492	ng	100
90) Benzo(a)pyrene	15.27	252	942654	43.430	ng	97
91) Dibenzo(a,h)anthracene	16.73	278	968266	50.699	ng	99
92) Benzo(g,h,i)perylene	17.15	276	1002686	53.137	ng	99

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

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