Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119312.D
Acq On : 10 Mar 2020 12:31
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/11/2020 4:57:46 PM

Quant Time: Mar 11 01:53:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	112983	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	431316	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	242131	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	454196	20.00	ng		0.00
76) Chrysene-d12	13.89	240	343147	20.00	ng		0.00
87) Perylene-d12	15.32	264	329850	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	554172	81.97	ng		0.00
7) Phenol-d6	6.39	99	667698	81.21	ng		0.00
23) Nitrobenzene-d5	7.30	82	655874	80.29	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	242278	76.49	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1269113	77.22	ng		0.00
79) Terphenyl-d14	12.83	244	1603253	80.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	113818	37.812	ng		99
3) Pyridine	3.11	79	307263	37.377	ng		98
4) n-Nitrosodimethylamine	3.06	42	98970	39.743	ng		98
6) Aniline	6.39	93	404614	39.881	ng	#	68
8) 2-Chlorophenol	6.52	128	299356	41.030	ng		99
9) Benzaldehyde	6.28	77	189862	34.562	ng		100
10) Phenol	6.40	94	364177	40.966	ng		91
11) bis(2-Chloroethyl)ether	6.46	93	273900	40.268	ng		97
12) 1,3-Dichlorobenzene	6.67	146	353530	40.428	ng		98
13) 1,4-Dichlorobenzene	6.75	146	358453	40.962	ng		98
14) 1,2-Dichlorobenzene	6.90	146	330910	41.464	ng		98
15) Benzyl Alcohol	6.88	79	253154	42.601	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	235369	39.946	ng	#	28
17) 2-Methylphenol	7.00	107	246031	41.592	ng	#	92
18) Hexachloroethane	7.23	117	128153	40.934	ng		98
19) n-Nitroso-di-n-propylamine	7.15	70	210704	43.978	ng		98
20) 3+4-Methylphenols	7.16	107	322018	44.434	ng		88
22) Acetophenone	7.15	105	410425	41.127	ng	#	93
24) Nitrobenzene	7.32	77	335665	41.552	ng		97
25) Isophorone	7.56	82	559917	39.467	ng		99
26) 2-Nitrophenol	7.63	139	167871	39.220	ng		100
27) 2,4-Dimethylphenol	7.68	122	223702	38.509	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	354519	38.392	ng		99
29) 2,4-Dichlorophenol	7.89	162	269267	39.375	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	311131	38.373	ng		98
31) Naphthalene	8.03	128	886032	39.610	ng		99
32) Benzoic acid	7.85	122	134276	33.950	ng		97
33) 4-Chloroaniline	8.09	127	387466	40.273	ng		99
34) Hexachlorobutadiene	8.15	225	198562	39.315	ng		97
35) Caprolactam	8.47	113	85167m	40.446	ng		
36) 4-Chloro-3-methylphenol	8.59	107	283789	41.004	ng		99
37) 2-Methylnaphthalene	8.72	142	589204	39.141	ng		100
38) 1-Methylnaphthalene	8.82	142	560399	39.584	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	313547	38.408	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	86706	35.147	ng		99
43) 2,4,6-Trichlorophenol	9.02	196	189285	36.717	ng		98
44) 2,4,5-Trichlorophenol	9.07	196	183557	33.931	ng		99
46) 1,1'-Biphenyl	9.19	154	768715	39.282	ng		98
47) 2-Chloronaphthalene	9.21	162	618518	39.222	ng		99
48) 2-Nitroaniline	9.32	65	184090	41.853	ng		95
49) Acenaphthylene	9.63	152	878712	38.580	ng		99
50) Dimethylphthalate	9.49	163	722805	39.038	ng		99
51) 2,6-Dinitrotoluene	9.56	165	159955	38.885	ng	#	80
52) Acenaphthene	9.80	154	537386	39.129	ng		99
53) 3-Nitroaniline	9.73	138	180932	39.675	ng		94
54) 2,4-Dinitrophenol	9.86	184	63362	36.206	ng	#	87
55) Dibenzofuran	9.97	168	800305	39.041	ng		99
56) 4-Nitrophenol	9.93	139	98215	35.845	ng		95
57) 2,4-Dinitrotoluene	9.97	165	208701	39.142	ng		91
58) Fluorene	10.31	166	654950	41.117	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	159957	35.042	ng		97
60) Diethylphthalate	10.19	149	705132	40.412	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	345079	40.928	ng		100
62) 4-Nitroaniline	10.35	138	177216	37.982	ng		96
63) Azobenzene	10.46	77	620222	40.895	ng		98
65) 4,6-Dinitro-2-methylphenol	10.39	198	101535	36.943	ng		91
66) n-Nitrosodiphenylamine	10.42	169	576666	38.775	ng		100
67) 4-Bromophenyl-phenylether	10.79	248	228396	38.470	ng		98
68) Hexachlorobenzene	10.87	284	264566	38.651	ng		97
69) Atrazine	10.95	200	181856	34.998	ng		98
70) Pentachlorophenol	11.07	266	103318	37.470	ng		98
71) Phenanthrene	11.27	178	973252	39.292	ng		98
72) Anthracene	11.33	178	982905	39.715	ng		97
73) Carbazole	11.49	167	884376	40.111	ng		98
74) Di-n-butylphthalate	11.80	149	1097981	41.122	ng		98
75) Fluoranthene	12.46	202	1049011	39.898	ng		100
77) Benzidine	12.59	184	535998	38.408	ng		100
78) Pyrene	12.69	202	1061025	38.507	ng		98
80) Butylbenzylphthalate	13.30	149	471669	40.672	ng		97
81) Benzo(a)anthracene	13.88	228	937221	40.085	ng		99
82) 3,3'-Dichlorobenzidine	13.84	252	361317	39.797	ng		99
83) Chrysene	13.92	228	915495	39.297	ng		98
84) Bis(2-ethylhexyl)phthalate	13.86	149	640213	43.698	ng		99
85) Di-n-octyl phthalate	14.46	149	1029933	44.121	ng		100
86) Indeno(1,2,3-cd)pyrene	16.73	276	769274	34.102	ng		99
88) Benzo(b)fluoranthene	14.91	252	921012	42.361	ng		99
89) Benzo(k)fluoranthene	14.94	252	799526	39.681	ng		99
90) Benzo(a)pyrene	15.26	252	769311	39.205	ng		99
91) Dibenzo(a,h)anthracene	16.73	278	638668	36.991	ng		99
92) Benzo(g,h,i)perylene	17.16	276	599046	35.115	ng		99

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

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