Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116397.D
Acq On : 19 Aug 2019 19:39
Operator : HP/JU
Sample : K4350-09MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-18_081519MS

Manual Integrations APPROVED
mohammad
8/22/2019 12:45:22 PM

Quant Time: Aug 20 02:07:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	96835	20.00 ng	-0.01
21) Naphthalene-d8	8.08	136	377475	20.00 ng	-0.02
39) Acenaphthene-d10	9.83	164	210128	20.00 ng	-0.02
64) Phenanthrene-d10	11.32	188	394941	20.00 ng	-0.02
76) Chrysene-d12	13.97	240	347566	20.00 ng	-0.01
87) Perylene-d12	15.42	264	391879	20.00 ng	-0.02
System Monitoring Compounds					
5) 2-Fluorophenol	5.45	112	789708	136.52 ng	0.00
7) Phenol-d6	6.46	99	919716	126.02 ng	0.00
23) Nitrobenzene-d5	7.37	82	684411	104.66 ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	311497	152.90 ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1199786	106.95 ng	-0.01
79) Terphenyl-d14	12.90	244	1599301	96.96 ng	-0.01
Target Compounds					Qvalue
2) 1,4-Dioxane	2.65	88	113176	38.729 ng	# 85
3) Pyridine	3.42	79	177769	21.777 ng	99
4) n-Nitrosodimethylamine	3.30	42	134926	41.884 ng	99
6) Aniline	6.48	93	239632	22.928 ng	# 76
8) 2-Chlorophenol	6.60	128	323315	50.546 ng	98
9) Benzaldehyde	6.37	77	99938	19.846 ng	98
10) Phenol	6.47	94	357694	41.620 ng	85
11) bis(2-Chloroethyl)ether	6.54	93	328725	52.025 ng	97
12) 1,3-Dichlorobenzene	6.75	146	337158	45.609 ng	99
13) 1,4-Dichlorobenzene	6.82	146	347872	46.999 ng	98
14) 1,2-Dichlorobenzene	6.97	146	320115	46.969 ng	100
15) Benzyl Alcohol	6.96	79	271391	49.001 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	404356	46.917 ng	66
17) 2-Methylphenol	7.07	107	265180	48.961 ng	# 90
18) Hexachloroethane	7.31	117	123148	45.190 ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	234716	51.900 ng	99
20) 3+4-Methylphenols	7.23	107	348290	54.341 ng	# 82
22) Acetophenone	7.22	105	463022	55.930 ng	# 93
24) Nitrobenzene	7.39	77	369713	52.360 ng	99
25) Isophorone	7.63	82	671958	53.738 ng	99
26) 2-Nitrophenol	7.71	139	177878	53.442 ng	94
27) 2,4-Dimethylphenol	7.75	122	299963	59.901 ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	405517	52.322 ng	99
29) 2,4-Dichlorophenol	7.96	162	291525	55.136 ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	296338	49.168 ng	99
31) Naphthalene	8.10	128	951310	53.555 ng	99
32) Benzoic acid	7.91	122	152394	43.165 ng	93
33) 4-Chloroaniline	8.16	127	187120	23.576 ng	99
34) Hexachlorobutadiene	8.22	225	166297	47.903 ng	98
35) Caprolactam	8.54	113	72158m	42.196 ng	
36) 4-Chloro-3-methylphenol	8.66	107	307910	55.978 ng	95
37) 2-Methylnaphthalene	8.80	142	643554	55.011 ng	98
38) 1-Methylnaphthalene	8.89	142	605547	54.715 ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	292526	52.073 ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	102871	43.694	ng		99
43) 2,4,6-Trichlorophenol	9.08	196	192306	49.735	ng		100
44) 2,4,5-Trichlorophenol	9.13	196	201799	50.488	ng		99
46) 1,1'-Biphenyl	9.26	154	800208	53.941	ng		99
47) 2-Chloronaphthalene	9.29	162	630530	51.067	ng		98
48) 2-Nitroaniline	9.39	65	212722	52.123	ng		99
49) Acenaphthylene	9.70	152	964729	53.557	ng		98
50) Dimethylphthalate	9.56	163	791798	55.342	ng		100
51) 2,6-Dinitrotoluene	9.63	165	171413	55.130	ng	#	90
52) Acenaphthene	9.87	154	590120	53.400	ng		100
53) 3-Nitroaniline	9.80	138	143783	37.425	ng		96
54) 2,4-Dinitrophenol	9.93	184	144136	90.056	ng		96
55) Dibenzofuran	10.05	168	842412	52.419	ng		100
56) 4-Nitrophenol	9.99	139	196939	80.021	ng		96
57) 2,4-Dinitrotoluene	10.04	165	219970	53.137	ng	#	86
58) Fluorene	10.39	166	700123	56.624	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	177163	52.685	ng		99
60) Diethylphthalate	10.26	149	737774	55.232	ng		100
61) 4-Chlorophenyl-phenylether	10.37	204	348445	55.644	ng		96
62) 4-Nitroaniline	10.42	138	196622	49.523	ng		99
63) Azobenzene	10.53	77	769482	56.006	ng		99
65) 4,6-Dinitro-2-methylphenol	10.46	198	115870	55.363	ng		85
66) n-Nitrosodiphenylamine	10.50	169	635577	53.467	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	215908	51.068	ng		98
68) Hexachlorobenzene	10.94	284	240505	49.195	ng		100
69) Atrazine	11.02	200	204246	52.227	ng		99
70) Pentachlorophenol	11.14	266	203783	85.857	ng		98
71) Phenanthrene	11.35	178	1072462	53.118	ng		100
72) Anthracene	11.40	178	1128518	55.229	ng		99
73) Carbazole	11.56	167	1053732	56.841	ng		99
74) Di-n-butylphthalate	11.87	149	1246408	57.636	ng		99
75) Fluoranthene	12.54	202	1217242	57.588	ng		98
77) Benzidine	12.66	184	60904	5.187	ng		98
78) Pyrene	12.77	202	1246111	47.561	ng		99
80) Butylbenzylphthalate	13.37	149	595343	53.718	ng		96
81) Benzo(a)anthracene	13.96	228	1171324	52.726	ng		99
82) 3,3'-Dichlorobenzidine	13.91	252	379458	49.166	ng		99
83) Chrysene	14.00	228	1153403	53.479	ng		98
84) Bis(2-ethylhexyl)phthalate	13.93	149	835036	57.981	ng		98
85) Di-n-octyl phthalate	14.53	149	1428436	62.444	ng		99
86) Indeno(1,2,3-cd)pyrene	16.89	276	1137890	62.817	ng		99
88) Benzo(b)fluoranthene	15.00	252	1181603	52.147	ng		99
89) Benzo(k)fluoranthene	15.03	252	1077111m	48.804	ng		
90) Benzo(a)pyrene	15.36	252	1096133	54.116	ng		98
91) Dibenzo(a,h)anthracene	16.89	278	956850	54.574	ng		99
92) Benzo(g,h,i)perylene	17.32	276	946710	54.980	ng		97

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

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