Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090119\
Data File : BF116739.D
Acq On : 1 Sep 2019 13:30
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/5/2019 9:54:11 AM

Quant Time: Sep 02 05:32:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 20:02:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	133350	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	537305	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	263244	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	420909	20.00	ng		0.00
76) Chrysene-d12	13.99	240	277598	20.00	ng		0.00
87) Perylene-d12	15.44	264	256244	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	695420	84.49	ng		0.00
7) Phenol-d6	6.47	99	900763	83.34	ng		0.00
23) Nitrobenzene-d5	7.41	82	826881	87.85	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	170935	97.13	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1322232	84.73	ng		0.00
79) Terphenyl-d14	12.94	244	1218180	81.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	161433	42.486	ng		98
3) Pyridine	3.34	79	457301	41.567	ng		95
4) n-Nitrosodimethylamine	3.29	42	148222	39.234	ng		78
6) Aniline	6.51	93	603311	40.301	ng		98
8) 2-Chlorophenol	6.63	128	375908	41.835	ng		96
9) Benzaldehyde	6.39	77	275113	38.635	ng		98
10) Phenol	6.49	94	505553	42.240	ng		94
11) bis(2-Chloroethyl)ether	6.58	93	380863	40.869	ng		98
12) 1,3-Dichlorobenzene	6.79	146	420513	41.407	ng		96
13) 1,4-Dichlorobenzene	6.87	146	418885	41.430	ng		99
14) 1,2-Dichlorobenzene	7.02	146	392043	41.842	ng		98
15) Benzyl Alcohol	6.99	79	350375	39.935	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	435080	39.792	ng		98
17) 2-Methylphenol	7.10	107	314269	39.953	ng		96
18) Hexachloroethane	7.36	117	160642	40.895	ng	#	88
19) n-Nitroso-di-n-propylamine	7.26	70	278167	39.087	ng		90
20) 3+4-Methylphenols	7.25	107	379889	41.537	ng	#	83
22) Acetophenone	7.26	105	531323	41.074	ng	#	90
24) Nitrobenzene	7.43	77	418380	43.707	ng		94
25) Isophorone	7.67	82	743450	38.981	ng		98
26) 2-Nitrophenol	7.75	139	180474	50.711	ng		91
27) 2,4-Dimethylphenol	7.78	122	296432	41.243	ng		95
28) bis(2-Chloroethoxy)methane	7.87	93	473662	40.641	ng		100
29) 2,4-Dichlorophenol	7.99	162	296217	42.885	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	310603	41.459	ng		97
31) Naphthalene	8.15	128	1065303	41.696	ng		99
32) Benzoic acid	7.89	122	178904	44.084	ng		96
33) 4-Chloroaniline	8.20	127	469490	40.369	ng		96
34) Hexachlorobutadiene	8.27	225	168525	41.255	ng		97
35) Caprolactam	8.56	113	102415	39.619	ng		91
36) 4-Chloro-3-methylphenol	8.67	107	334337	42.114	ng		97
37) 2-Methylnaphthalene	8.84	142	697516	41.032	ng		97
38) 1-Methylnaphthalene	8.94	142	663592	41.352	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	272920	43.249	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	152897	41.958	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	195745	45.251	ng		97
44) 2,4,5-Trichlorophenol	9.16	196	204734	45.588	ng		97
46) 1,1'-Biphenyl	9.30	154	850698	42.588	ng		98
47) 2-Chloronaphthalene	9.33	162	672873	42.530	ng		99
48) 2-Nitroaniline	9.42	65	219169	47.917	ng		96
49) Acenaphthylene	9.75	152	1010489	42.252	ng		100
50) Dimethylphthalate	9.60	163	750555	41.298	ng		99
51) 2,6-Dinitrotoluene	9.66	165	161800	46.662	ng		95
52) Acenaphthene	9.92	154	630281	42.892	ng		100
53) 3-Nitroaniline	9.83	138	206297	47.474	ng		90
54) 2,4-Dinitrophenol	9.93	184	62899	54.385	ng	#	89
55) Dibenzofuran	10.09	168	877060	42.339	ng		98
56) 4-Nitrophenol	9.98	139	147168	49.392	ng		86
57) 2,4-Dinitrotoluene	10.06	165	216932	51.164	ng		96
58) Fluorene	10.43	166	671394	42.536	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	153426	47.337	ng		98
60) Diethylphthalate	10.30	149	761437	41.825	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	296597	42.911	ng		98
62) 4-Nitroaniline	10.44	138	199645	47.341	ng		90
63) Azobenzene	10.58	77	780461	41.114	ng		94
65) 4,6-Dinitro-2-methylphenol	10.47	198	83382	52.890	ng		76
66) n-Nitrosodiphenylamine	10.54	169	605769	41.603	ng		97
67) 4-Bromophenyl-phenylether	10.91	248	180975	42.325	ng		96
68) Hexachlorobenzene	10.98	284	188470	42.129	ng		100
69) Atrazine	11.06	200	173683	42.590	ng		95
70) Pentachlorophenol	11.17	266	105424	48.714	ng		99
71) Phenanthrene	11.39	178	972549	41.508	ng		99
72) Anthracene	11.44	178	981058	41.595	ng		100
73) Carbazole	11.59	167	939519	41.817	ng		99
74) Di-n-butylphthalate	11.92	149	1201622	41.720	ng		99
75) Fluoranthene	12.57	202	970806	42.161	ng		99
77) Benzidine	12.69	184	470669	43.228	ng		99
78) Pyrene	12.80	202	994370	40.296	ng		98
80) Butylbenzylphthalate	13.42	149	491240	40.936	ng		96
81) Benzo(a)anthracene	13.99	228	722777	41.139	ng		98
82) 3,3'-Dichlorobenzidine	13.94	252	252171	42.472	ng		96
83) Chrysene	14.02	228	747324	41.288	ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	625346	42.215	ng		99
85) Di-n-octyl phthalate	14.58	149	1046630	43.175	ng		97
86) Indeno(1,2,3-cd)pyrene	16.89	276	604200	41.558	ng	#	92
88) Benzo(b)fluoranthene	15.02	252	623254m	40.230	ng		
89) Benzo(k)fluoranthene	15.05	252	616551	43.649	ng		98
90) Benzo(a)pyrene	15.38	252	567959	42.139	ng		98
91) Dibenzo(a,h)anthracene	16.90	278	490941	41.613	ng	#	96
92) Benzo(g,h,i)perylene	17.32	276	486403	40.425	ng	#	90

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

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