Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112528.D
Acq On : 13 Feb 2019 10:10
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/14/2019 11:36:02 AM

Quant Time: Feb 14 04:29:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	134434	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	532778	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	262901	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	506761	20.00	ng		0.00
76) Chrysene-d12	14.02	240	365937	20.00	ng		0.01
87) Perylene-d12	15.50	264	273130	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	605903	95.73	ng		0.00
7) Phenol-d6	6.49	99	760329	86.45	ng		0.00
23) Nitrobenzene-d5	7.41	82	738288	79.85	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	252183	82.41	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	1452060	78.12	ng		0.00
79) Terphenyl-d14	12.95	244	1614824	83.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	115475	45.801	ng		95
3) Pyridine	3.35	79	297379	46.368	ng		98
4) n-Nitrosodimethylamine	3.31	42	132246	49.080	ng	#	91
6) Aniline	6.50	93	454740	43.467	ng	#	70
8) 2-Chlorophenol	6.63	128	359843	42.264	ng		98
9) Benzaldehyde	6.39	77	188806	41.074	ng		97
10) Phenol	6.50	94	413479	42.854	ng		83
11) bis(2-Chloroethyl)ether	6.57	93	314968	41.464	ng		99
12) 1,3-Dichlorobenzene	6.78	146	402983	40.641	ng		99
13) 1,4-Dichlorobenzene	6.86	146	407661	39.947	ng		98
14) 1,2-Dichlorobenzene	7.01	146	383276	40.115	ng		97
15) Benzyl Alcohol	6.99	79	301436	40.660	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	383657	39.336	ng	#	20
17) 2-Methylphenol	7.11	107	274189	40.624	ng	#	87
18) Hexachloroethane	7.35	117	145309	40.549	ng		100
19) n-Nitroso-di-n-propylamine	7.26	70	247639	40.836	ng		100
20) 3+4-Methylphenols	7.26	107	365983	42.404	ng	#	67
22) Acetophenone	7.25	105	516159	39.787	ng		95
24) Nitrobenzene	7.43	77	364763	39.500	ng		97
25) Isophorone	7.66	82	577442	39.808	ng		98
26) 2-Nitrophenol	7.75	139	203286	41.192	ng		96
27) 2,4-Dimethylphenol	7.79	122	270926	39.846	ng		95
28) bis(2-Chloroethoxy)methane	7.87	93	390874	39.574	ng		98
29) 2,4-Dichlorophenol	7.99	162	311059	40.881	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	343961	39.327	ng		99
31) Naphthalene	8.15	128	988313	39.667	ng		99
32) Benzoic acid	7.94	122	151423	39.042	ng		96
33) 4-Chloroaniline	8.20	127	430890	39.719	ng		99
34) Hexachlorobutadiene	8.26	225	204525	39.849	ng		98
35) Caprolactam	8.59	113	107045	39.879	ng		97
36) 4-Chloro-3-methylphenol	8.69	107	323582	40.172	ng		95
37) 2-Methylnaphthalene	8.83	142	667499	39.135	ng		97
38) 1-Methylnaphthalene	8.93	142	642310	39.289	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	337737	39.126	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	93640	34.727	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	210789	39.616	ng		97
44) 2,4,5-Trichlorophenol	9.17	196	213917	38.468	ng		95
46) 1,1'-Biphenyl	9.30	154	905284	39.388	ng		99
47) 2-Chloronaphthalene	9.33	162	699460	39.244	ng		96
48) 2-Nitroaniline	9.43	65	200630	41.300	ng		89
49) Acenaphthylene	9.75	152	1025547	39.258	ng		98
50) Dimethylphthalate	9.60	163	789651	38.659	ng		99
51) 2,6-Dinitrotoluene	9.67	165	183971	40.215	ng	#	75
52) Acenaphthene	9.92	154	618635	39.642	ng		99
53) 3-Nitroaniline	9.85	138	197752	39.901	ng		92
54) 2,4-Dinitrophenol	9.97	184	57531	39.187	ng		95
55) Dibenzofuran	10.09	168	927206	38.880	ng		93
56) 4-Nitrophenol	10.03	139	107475	41.017	ng		95
57) 2,4-Dinitrotoluene	10.09	165	229691	39.440	ng	#	73
58) Fluorene	10.43	166	722947	40.511	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	169908	40.431	ng		95
60) Diethylphthalate	10.30	149	808494	39.885	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	382741	39.427	ng		92
62) 4-Nitroaniline	10.46	138	188806	38.839	ng		93
63) Azobenzene	10.58	77	726478	40.750	ng		96
65) 4,6-Dinitro-2-methylphenol	10.50	198	102277	35.998	ng		96
66) n-Nitrosodiphenylamine	10.54	169	679661	39.794	ng		100
67) 4-Bromophenyl-phenylether	10.90	248	235815	39.565	ng		93
68) Hexachlorobenzene	10.99	284	258615	40.443	ng		96
69) Atrazine	11.06	200	186889	33.912	ng		97
70) Pentachlorophenol	11.19	266	85222	34.251	ng		96
71) Phenanthrene	11.40	178	1029825	39.089	ng		98
72) Anthracene	11.45	178	1054907	40.197	ng		99
73) Carbazole	11.60	167	1032639	39.890	ng		99
74) Di-n-butylphthalate	11.92	149	1239278	38.568	ng		99
75) Fluoranthene	12.59	202	1047456	37.068	ng		99
77) Benzidine	12.70	184	434661	43.156	ng		97
78) Pyrene	12.82	202	1080828	42.661	ng		98
80) Butylbenzylphthalate	13.42	149	492485	40.178	ng		93
81) Benzo(a)anthracene	14.01	228	852144	39.613	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	316289	39.287	ng		99
83) Chrysene	14.04	228	812547	39.571	ng		98
84) Bis(2-ethylhexyl)phthalate	13.97	149	645762	37.114	ng		98
85) Di-n-octyl phthalate	14.58	149	954788	35.666	ng		99
86) Indeno(1,2,3-cd)pyrene	17.00	276	556440	34.199	ng		97
88) Benzo(b)fluoranthene	15.07	252	679134m	41.577	ng		
89) Benzo(k)fluoranthene	15.09	252	618218	39.513	ng		99
90) Benzo(a)pyrene	15.44	252	588359	40.031	ng		100
91) Dibenzo(a,h)anthracene	17.00	278	464218	39.190	ng		99
92) Benzo(g,h,i)perylene	17.45	276	450618	40.322	ng		97

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

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