Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110161.D
Acq On : 25 Oct 2018 15:04
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
Sohil
10/26/2018 3:49:16 PM

Quant Time: Oct 25 15:29:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	141979	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	599803	20.00	ng		-0.02
39) Acenaphthene-d10	10.02	164	288839	20.00	ng		-0.01
64) Phenanthrene-d10	11.50	188	541782	20.00	ng		-0.01
76) Chrysene-d12	14.15	240	374073	20.00	ng		-0.01
87) Perylene-d12	15.67	264	263305	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	662088	75.94	ng		-0.01
7) Phenol-d6	6.59	99	859082	77.04	ng		-0.01
23) Nitrobenzene-d5	7.53	82	799203	79.03	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	224006	78.29	ng		-0.01
45) 2-Fluorobiphenyl	9.33	172	1442787	78.44	ng		-0.01
79) Terphenyl-d14	13.09	244	1452182	80.74	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	158310	34.657	ng		88
3) Pyridine	3.60	79	353101	34.706	ng		89
4) n-Nitrosodimethylamine	3.55	42	147899m	34.697	ng		
6) Aniline	6.63	93	561912	38.680	ng	#	53
8) 2-Chlorophenol	6.75	128	395860	39.382	ng		97
9) Benzaldehyde	6.52	77	252157	38.525	ng		99
10) Phenol	6.60	94	462887	38.831	ng	#	65
11) bis(2-Chloroethyl)ether	6.70	93	375133	38.251	ng		92
12) 1,3-Dichlorobenzene	6.91	146	429737	38.848	ng		97
13) 1,4-Dichlorobenzene	6.99	146	434785	38.863	ng		99
14) 1,2-Dichlorobenzene	7.14	146	404882	38.984	ng		99
15) Benzyl Alcohol	7.10	79	345421	40.273	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.23	45	606172	38.658	ng		67
17) 2-Methylphenol	7.21	107	309634	38.651	ng	#	82
18) Hexachloroethane	7.48	117	159866	39.030	ng		96
19) n-Nitroso-di-n-propylamine	7.38	70	274945	38.430	ng		97
20) 3+4-Methylphenols	7.36	107	401054	38.730	ng		91
22) Acetophenone	7.37	105	531817	38.480	ng		96
24) Nitrobenzene	7.55	77	411000	39.366	ng		96
25) Isophorone	7.79	82	663573	38.495	ng		98
26) 2-Nitrophenol	7.86	139	213578	42.989	ng		98
27) 2,4-Dimethylphenol	7.89	122	320502	38.910	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	448577	38.306	ng		99
29) 2,4-Dichlorophenol	8.10	162	328691	39.498	ng		100
30) 1,2,4-Trichlorobenzene	8.19	180	362223	38.859	ng		97
31) Naphthalene	8.27	128	1068724	38.660	ng		99
32) Benzoic acid	8.02	122	262213	41.188	ng		89
33) 4-Chloroaniline	8.32	127	478563	38.465	ng		98
34) Hexachlorobutadiene	8.39	225	206390	39.877	ng		98
35) Caprolactam	8.70	113	114492	39.473	ng		97
36) 4-Chloro-3-methylphenol	8.80	107	352956	39.222	ng		95
37) 2-Methylnaphthalene	8.96	142	705833	38.591	ng		99
38) 1-Methylnaphthalene	9.07	142	680428	38.496	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	345139	38.350	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	182507	39.660	ng		98
43) 2,4,6-Trichlorophenol	9.24	196	229680	39.568	ng		97
44) 2,4,5-Trichlorophenol	9.28	196	243618	39.705	ng		97
46) 1,1'-Biphenyl	9.43	154	996151	38.138	ng		99
47) 2-Chloronaphthalene	9.46	162	738144	38.526	ng		99
48) 2-Nitroaniline	9.55	65	232496	40.045	ng		96
49) Acenaphthylene	9.87	152	1063546	38.433	ng		98
50) Dimethylphthalate	9.73	163	813344	38.147	ng		99
51) 2,6-Dinitrotoluene	9.79	165	187947	40.923	ng		96
52) Acenaphthene	10.05	154	703382	38.421	ng		98
53) 3-Nitroaniline	9.97	138	211980	38.813	ng		88
54) 2,4-Dinitrophenol	10.07	184	69405	40.789	ng		91
55) Dibenzofuran	10.22	168	976074	38.081	ng		96
56) 4-Nitrophenol	10.12	139	162258	40.141	ng		96
57) 2,4-Dinitrotoluene	10.20	165	246137	42.193	ng		89
58) Fluorene	10.56	166	721007	37.796	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.29	232	195776	39.146	ng		96
60) Diethylphthalate	10.43	149	801863	38.527	ng		99
61) 4-Chlorophenyl-phenylether	10.55	204	383033	38.063	ng		98
62) 4-Nitroaniline	10.59	138	212623	39.142	ng		91
63) Azobenzene	10.71	77	784922	37.994	ng		97
65) 4,6-Dinitro-2-methylphenol	10.61	198	103314	41.739	ng		98
66) n-Nitrosodiphenylamine	10.67	169	695974	39.165	ng		96
67) 4-Bromophenyl-phenylether	11.05	248	231845	39.451	ng		97
68) Hexachlorobenzene	11.11	284	241980	38.807	ng	#	90
69) Atrazine	11.19	200	222351	39.594	ng		99
70) Pentachlorophenol	11.30	266	154285	42.433	ng		97
71) Phenanthrene	11.53	178	1081375	38.146	ng		100
72) Anthracene	11.58	178	1092145	38.436	ng		99
73) Carbazole	11.73	167	1047545	37.758	ng		99
74) Di-n-butylphthalate	12.05	149	1218783	38.896	ng		100
75) Fluoranthene	12.72	202	1073410	37.309	ng		99
77) Benzidine	12.84	184	465884	43.562	ng		99
78) Pyrene	12.96	202	1104635	41.190	ng		98
80) Butylbenzylphthalate	13.56	149	482931	41.489	ng		100
81) Benzo(a)anthracene	14.14	228	859256	38.734	ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	297773	38.549	ng	#	99
83) Chrysene	14.18	228	801145	38.023	ng		99
84) Bis(2-ethylhexyl)phthalate	14.11	149	611938	38.890	ng		96
85) Di-n-octyl phthalate	14.73	149	898169	36.710	ng		98
86) Indeno(1,2,3-cd)pyrene	17.24	276	619800	35.459	ng		96
88) Benzo(b)fluoranthene	15.22	252	656690	43.189	ng		99
89) Benzo(k)fluoranthene	15.25	252	577842	38.657	ng	#	97
90) Benzo(a)pyrene	15.62	252	577764	41.295	ng		99
91) Dibenzo(a,h)anthracene	17.26	278	519135	43.003	ng		99
92) Benzo(g,h,i)perylene	17.72	276	515273	43.315	ng		97

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

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