Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100918\
Data File : BF109691.D
Acq On : 9 Oct 2018 13:27
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Oct 09 14:06:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	94731	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	400343	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	193974	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	373003	20.00	ng		0.00
75) Chrysene-d12	13.83	240	277477	20.00	ng		0.00
86) Perylene-d12	15.23	264	216264	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	425619	79.75	ng		0.00
7) Phenol-d6	6.35	99	576652	80.88	ng		0.00
23) Nitrobenzene-d5	7.27	82	576842	79.43	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	170633	80.73	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1071315	76.07	ng		0.00
78) Terphenyl-d14	12.79	244	1074702	74.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	115645	41.288	ng		97
3) Pyridine	3.09	79	214051	37.042	ng		99
4) n-Nitrosodimethylamine	3.04	42	74302	35.624	ng		100
6) Aniline	6.37	93	347923	41.893	ng		99
8) 2-Chlorophenol	6.49	128	271319	41.337	ng		96
9) Benzaldehyde	6.25	77	185078	40.341	ng		98
10) Phenol	6.37	94	304608	37.260	ng		95
11) bis(2-Chloroethyl)ether	6.44	93	288223	42.526	ng		98
12) 1,3-Dichlorobenzene	6.64	146	296244	39.462	ng		99
13) 1,4-Dichlorobenzene	6.72	146	323991	39.592	ng		99
14) 1,2-Dichlorobenzene	6.87	146	289615	40.299	ng		99
15) Benzyl Alcohol	6.85	79	214902	40.659	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	348007	38.723	ng		95
17) 2-Methylphenol	6.97	107	204008	39.304	ng		95
18) Hexachloroethane	7.20	117	113944	39.393	ng		92
19) n-Nitroso-di-n-propylamine	7.12	70	191255	38.253	ng		98
20) 3+4-Methylphenols	7.13	107	251694	39.353	ng		98
22) Acetophenone	7.12	105	384726	39.740	ng	#	98
24) Nitrobenzene	7.29	77	297165	39.322	ng		99
25) Isophorone	7.52	82	460653	38.196	ng		100
26) 2-Nitrophenol	7.60	139	146037	41.313	ng		98
27) 2,4-Dimethylphenol	7.65	122	196046	38.406	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	316376	38.783	ng		98
29) 2,4-Dichlorophenol	7.85	162	229775	40.131	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	246359	38.868	ng		99
31) Naphthalene	8.00	128	718684	38.817	ng		99
32) Benzoic acid	7.80	122	149409	40.939	ng		96
33) 4-Chloroaniline	8.06	127	328782	40.325	ng		98
34) Hexachlorobutadiene	8.12	225	154077	39.097	ng		98
35) Caprolactam	8.44	113	69945	40.906	ng		92
36) 4-Chloro-3-methylphenol	8.55	107	246307	40.753	ng		97
37) 2-Methylnaphthalene	8.69	142	473959	39.080	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	257816	39.046	ng		100
40) Hexachlorocyclopentadiene	8.85	237	87991	34.897	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	154505	39.143	ng	97
43) 2,4,5-Trichlorophenol	9.02	196	181463	39.983	ng	99
45) 1,1'-Biphenyl	9.16	154	675394	38.976	ng	99
46) 2-Chloronaphthalene	9.18	162	502653	38.718	ng	99
47) 2-Nitroaniline	9.28	65	156436	39.795	ng	97
48) Acenaphthylene	9.59	152	736134	38.894	ng	100
49) Dimethylphthalate	9.46	163	555808	39.069	ng	99
50) 2,6-Dinitrotoluene	9.52	165	122963	39.874	ng	98
51) Acenaphthene	9.76	154	423164	37.716	ng	99
52) 3-Nitroaniline	9.69	138	140091	40.527	ng	95
53) 2,4-Dinitrophenol	9.80	184	45368	45.599	ng	95
54) Dibenzofuran	9.93	168	651745	38.752	ng	100
55) 4-Nitrophenol	9.87	139	70012	37.002	ng	99
56) 2,4-Dinitrotoluene	9.93	165	155860	40.500	ng	97
57) Fluorene	10.27	166	485801	38.680	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.06	232	143631	38.932	ng	98
59) Diethylphthalate	10.15	149	550067	39.024	ng	99
60) 4-Chlorophenyl-phenylether	10.27	204	259116	39.107	ng	99
61) 4-Nitroaniline	10.31	138	120412	37.613	ng	100
62) Azobenzene	10.43	77	565154	39.483	ng	100
64) 4,6-Dinitro-2-methylphenol	10.34	198	68788	37.889	ng	98
65) n-Nitrosodiphenylamine	10.39	169	488199	38.608	ng	99
66) 4-Bromophenyl-phenylether	10.76	248	165651	38.651	ng	99
67) Hexachlorobenzene	10.83	284	176908	38.119	ng	99
68) Atrazine	10.92	200	155617	39.434	ng	99
69) Pentachlorophenol	11.02	266	105399	40.360	ng	100
70) Phenanthrene	11.23	178	717909	38.460	ng	99
71) Anthracene	11.29	178	757638	39.264	ng	100
72) Carbazole	11.44	167	736156	39.335	ng	99
73) Di-n-butylphthalate	11.77	149	840963	38.743	ng	100
74) Fluoranthene	12.41	202	772164	39.597	ng	100
76) Benzidine	12.54	184	377272	36.601	ng	98
77) Pyrene	12.64	202	776789	38.209	ng	100
79) Butylbenzylphthalate	13.26	149	350942	39.816	ng	99
80) Benzo(a)anthracene	13.82	228	601184	39.262	ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	250222	40.584	ng	98
82) Chrysene	13.86	228	613285	38.131	ng	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	430337	40.018	ng	99
84) Di-n-octyl phthalate	14.42	149	677203	39.842	ng	99
85) Indeno(1,2,3-cd)pyrene	16.58	276	425261	36.940	ng	100
87) Benzo(b)fluoranthene	14.84	252	482237	40.351	ng	97
88) Benzo(k)fluoranthene	14.86	252	469807	39.125	ng	98
89) Benzo(a)pyrene	15.17	252	426040	39.283	ng	97
90) Dibenzo(a,h)anthracene	16.59	278	352792	39.608	ng	98
91) Benzo(g,h,i)perylene	16.98	276	354244	39.827	ng	98

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

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