Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102318\
Data File : BF110074.D
Acq On : 23 Oct 2018 12:40
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Oct 23 13:12:54 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 12:51:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	173036	20.00	ng		-0.02
21) Naphthalene-d8	8.25	136	728380	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	345697	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	660988	20.00	ng		-0.01
76) Chrysene-d12	14.15	240	493957	20.00	ng		-0.01
87) Perylene-d12	15.67	264	391403	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	848867	77.76	ng		-0.02
7) Phenol-d6	6.59	99	1076502	79.42	ng		-0.02
23) Nitrobenzene-d5	7.53	82	995779	92.09	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	276261	92.30	ng		-0.01
45) 2-Fluorobiphenyl	9.33	172	1768387	81.62	ng		-0.01
79) Terphenyl-d14	13.09	244	1850123	78.65	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	219059	35.332	ng		91
3) Pyridine	3.59	79	514316	37.208	ng	#	85
4) n-Nitrosodimethylamine	3.56	42	211990	37.596	ng		98
6) Aniline	6.63	93	711144	38.930	ng	#	53
8) 2-Chlorophenol	6.75	128	493035	40.321	ng		99
9) Benzaldehyde	6.52	77	325001	36.895	ng		95
10) Phenol	6.60	94	578198	39.508	ng	#	61
11) bis(2-Chloroethyl)ether	6.70	93	471722	38.550	ng		91
12) 1,3-Dichlorobenzene	6.91	146	533964	39.824	ng		97
13) 1,4-Dichlorobenzene	6.99	146	538900	39.908	ng		98
14) 1,2-Dichlorobenzene	7.14	146	503392	40.483	ng		99
15) Benzyl Alcohol	7.10	79	426032	40.853	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.23	45	763137	37.996	ng		67
17) 2-Methylphenol	7.21	107	390516	39.606	ng	#	82
18) Hexachloroethane	7.48	117	197199	41.324	ng		97
19) n-Nitroso-di-n-propylamine	7.38	70	344837	39.621	ng		96
20) 3+4-Methylphenols	7.36	107	503902	40.273	ng		92
22) Acetophenone	7.37	105	661340	39.152	ng		97
24) Nitrobenzene	7.55	77	513342	43.703	ng		96
25) Isophorone	7.79	82	839245	39.502	ng		97
26) 2-Nitrophenol	7.86	139	253680	52.088	ng		99
27) 2,4-Dimethylphenol	7.89	122	401233	39.208	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	561096	38.482	ng		99
29) 2,4-Dichlorophenol	8.10	162	408559	41.155	ng		100
30) 1,2,4-Trichlorobenzene	8.19	180	454155	40.858	ng		95
31) Naphthalene	8.27	128	1323797	39.634	ng		99
32) Benzoic acid	8.02	122	318933	50.020	ng		92
33) 4-Chloroaniline	8.32	127	597366	39.786	ng		98
34) Hexachlorobutadiene	8.39	225	246845	40.272	ng		99
35) Caprolactam	8.70	113	145626	41.305	ng	#	87
36) 4-Chloro-3-methylphenol	8.79	107	440855	42.096	ng		98
37) 2-Methylnaphthalene	8.96	142	878066	40.598	ng		99
38) 1-Methylnaphthalene	9.06	142	847434	40.436	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	430001	40.384	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	235239	45.773	ng		100
43) 2,4,6-Trichlorophenol	9.24	196	283979	42.652	ng		95
44) 2,4,5-Trichlorophenol	9.28	196	297343	43.030	ng		94
46) 1,1'-Biphenyl	9.43	154	1228792	39.896	ng		98
47) 2-Chloronaphthalene	9.46	162	915767	40.365	ng		98
48) 2-Nitroaniline	9.55	65	285225	48.989	ng		96
49) Acenaphthylene	9.87	152	1322161	40.116	ng		98
50) Dimethylphthalate	9.73	163	1009071	41.223	ng		100
51) 2,6-Dinitrotoluene	9.79	165	230429	49.562	ng		95
52) Acenaphthene	10.05	154	868225	41.377	ng		96
53) 3-Nitroaniline	9.96	138	272241	48.137	ng		94
54) 2,4-Dinitrophenol	10.07	184	78338	65.862	ng		89
55) Dibenzofuran	10.22	168	1225507	40.953	ng		98
56) 4-Nitrophenol	10.12	139	208781	48.381	ng		87
57) 2,4-Dinitrotoluene	10.20	165	295246	54.037	ng	#	86
58) Fluorene	10.56	166	901719	41.394	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	244904	44.719	ng		94
60) Diethylphthalate	10.43	149	995235	41.165	ng		99
61) 4-Chlorophenyl-phenylether	10.55	204	473858	41.759	ng		99
62) 4-Nitroaniline	10.58	138	265763	49.642	ng		95
63) Azobenzene	10.71	77	981373	38.855	ng		97
65) 4,6-Dinitro-2-methylphenol	10.61	198	125100	59.052	ng		94
66) n-Nitrosodiphenylamine	10.67	169	858069	38.977	ng		96
67) 4-Bromophenyl-phenylether	11.04	248	286221	39.956	ng		99
68) Hexachlorobenzene	11.11	284	301685	39.494	ng	#	94
69) Atrazine	11.19	200	276175	40.161	ng		99
70) Pentachlorophenol	11.30	266	196251	45.143	ng		97
71) Phenanthrene	11.53	178	1349345	39.432	ng		99
72) Anthracene	11.58	178	1363949	39.646	ng		100
73) Carbazole	11.73	167	1327534	39.263	ng		100
74) Di-n-butylphthalate	12.05	149	1526319	40.449	ng		100
75) Fluoranthene	12.72	202	1379731	40.361	ng		99
77) Benzidine	12.84	184	602953	31.837	ng		100
78) Pyrene	12.95	202	1407359	38.792	ng		99
80) Butylbenzylphthalate	13.56	149	625766	42.664	ng		99
81) Benzo(a)anthracene	14.14	228	1175783	40.411	ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	417324	40.913	ng		99
83) Chrysene	14.18	228	1107023	39.973	ng		100
84) Bis(2-ethylhexyl)phthalate	14.11	149	846887	43.880	ng		96
85) Di-n-octyl phthalate	14.73	149	1306323	48.009	ng		98
86) Indeno(1,2,3-cd)pyrene	17.24	276	836258	37.503	ng	#	95
88) Benzo(b)fluoranthene	15.22	252	922839	40.897	ng		98
89) Benzo(k)fluoranthene	15.25	252	896769	40.320	ng	#	97
90) Benzo(a)pyrene	15.61	252	836554	40.309	ng		98
91) Dibenzo(a,h)anthracene	17.25	278	700938	38.110	ng		98
92) Benzo(g,h,i)perylene	17.71	276	686940	36.966	ng	#	96

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

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