Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
Data File : BF099755.D
Acq On : 23 Oct 2017 12:42
Operator : SJ/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Oct 23 14:27:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 14:23:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	98206	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	405407	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	188763	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	346399	20.00	ng		0.00
75) Chrysene-d12	13.99	240	266296	20.00	ng		0.00
86) Perylene-d12	15.44	264	245099	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	515570	83.57	ng		0.00
7) Phenol-d6	6.45	99	599258	78.74	ng		0.00
23) Nitrobenzene-d5	7.38	82	500845	79.23	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	137704	89.15	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	997458	88.22	ng		0.00
78) Terphenyl-d14	12.92	244	958715	81.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	112000	38.006	ng	#	90
3) Pyridine	3.30	79	288593	36.201	ng		91
4) n-Nitrosodimethylamine	3.27	42	103866	30.725	ng	#	68
6) Aniline	6.47	93	391171	38.084	ng		99
8) 2-Chlorophenol	6.59	128	274951	39.356	ng		94
9) Benzaldehyde	6.36	77	180518	40.892	ng		91
10) Phenol	6.46	94	334614	39.315	ng		96
11) bis(2-Chloroethyl)ether	6.55	93	261432	39.511	ng		96
12) 1,3-Dichlorobenzene	6.75	146	302764	41.381	ng		96
13) 1,4-Dichlorobenzene	6.82	146	309257	41.544	ng		97
14) 1,2-Dichlorobenzene	6.97	146	279866	40.688	ng		98
15) Benzyl Alcohol	6.96	79	188029	33.679	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	283593	27.510	ng		74
17) 2-Methylphenol	7.07	107	227538	39.805	ng		99
18) Hexachloroethane	7.31	117	102533	38.320	ng		99
19) n-Nitroso-di-n-propylamine	7.22	70	172694	35.542	ng		92
20) 3+4-Methylphenols	7.22	107	257439	35.599	ng	#	66
22) Acetophenone	7.22	105	361033	36.756	ng	#	98
24) Nitrobenzene	7.40	77	259871	36.239	ng		93
25) Isophorone	7.63	82	459425	35.151	ng		97
26) 2-Nitrophenol	7.71	139	153373	44.476	ng	#	87
27) 2,4-Dimethylphenol	7.75	122	215485	33.089	ng		97
28) bis(2-Chloroethoxy)methane	7.84	93	318044	39.048	ng		100
29) 2,4-Dichlorophenol	7.96	162	226108	40.439	ng		95
30) 1,2,4-Trichlorobenzene	8.03	180	240766	43.054	ng		97
31) Naphthalene	8.11	128	780864	41.011	ng		99
32) Benzoic acid	7.91	122	186705	34.902	ng		93
33) 4-Chloroaniline	8.17	127	328996	41.376	ng	#	94
34) Hexachlorobutadiene	8.22	225	120883	41.967	ng		99
35) Caprolactam	8.56	113	71651	39.949	ng	#	77
36) 4-Chloro-3-methylphenol	8.66	107	228223	36.315	ng		92
37) 2-Methylnaphthalene	8.80	142	517237	41.787	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	243352	43.228	ng		97
40) Hexachlorocyclopentadiene	8.95	237	36490	14.184	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	146608	36.762	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	163471	41.062	ng		93
45) 1,1'-Biphenyl	9.27	154	675180	41.619	ng		98
46) 2-Chloronaphthalene	9.29	162	496842	40.790	ng		96
47) 2-Nitroaniline	9.40	65	133615	35.825	ng		92
48) Acenaphthylene	9.71	152	756129	40.551	ng		100
49) Dimethylphthalate	9.57	163	598378	42.001	ng		100
50) 2,6-Dinitrotoluene	9.64	165	128737	41.506	ng		88
51) Acenaphthene	9.88	154	459135	38.871	ng		100
52) 3-Nitroaniline	9.82	138	150283	41.555	ng	#	89
53) 2,4-Dinitrophenol	9.93	184	45370	32.412	ng	#	81
54) Dibenzofuran	10.05	168	645837	41.066	ng		99
55) 4-Nitrophenol	9.99	139	82068	26.837	ng	#	80
56) 2,4-Dinitrotoluene	10.05	165	152800	37.960	ng		95
57) Fluorene	10.40	166	537197	42.498	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	112508	40.910	ng		96
59) Diethylphthalate	10.26	149	579987	41.662	ng		98
60) 4-Chlorophenyl-phenylether	10.38	204	251534	44.299	ng		96
61) 4-Nitroaniline	10.43	138	145412	41.676	ng		86
62) Azobenzene	10.55	77	495586	38.717	ng		92
64) 4,6-Dinitro-2-methylphenol	10.46	198	90448	42.916	ng		84
65) n-Nitrosodiphenylamine	10.51	169	500657	41.720	ng		100
66) 4-Bromophenyl-phenylether	10.87	248	143586	42.347	ng		91
67) Hexachlorobenzene	10.95	284	148182	40.919	ng		93
68) Atrazine	11.03	200	155571	43.088	ng		99
69) Pentachlorophenol	11.15	266	63317	28.093	ng		98
70) Phenanthrene	11.36	178	765789	41.301	ng		98
71) Anthracene	11.41	178	773578	40.775	ng		100
72) Carbazole	11.57	167	735662	39.597	ng		98
73) Di-n-butylphthalate	11.89	149	948011	42.393	ng		99
74) Fluoranthene	12.55	202	799430	42.578	ng		99
76) Benzidine	12.67	184	457181	46.417	ng		97
77) Pyrene	12.78	202	816833	40.226	ng		99
79) Butylbenzylphthalate	13.39	149	412378	43.211	ng		93
80) Benzo(a)anthracene	13.97	228	684441	42.446	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	250536	42.383	ng		97
82) Chrysene	14.01	228	641676	41.799	ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	554836	42.223	ng	#	99
84) Di-n-octyl phthalate	14.55	149	987072	46.649	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.93	276	558463	45.476	ng		97
87) Benzo(b)fluoranthene	15.02	252	591155	39.228	ng		97
88) Benzo(k)fluoranthene	15.05	252	615275	41.337	ng		99
89) Benzo(a)pyrene	15.39	252	558834	40.399	ng		99
90) Dibenzo(a,h)anthracene	16.93	278	479180	43.285	ng		98
91) Benzo(g,h,i)perylene	17.37	276	470717	43.016	ng		95

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

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