Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
Data File : BF102707.D
Acq On : 3 Feb 2018 9:59
Operator : SJ/JU
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC025

Quant Time: Feb 03 11:51:44 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 03 11:33:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	197658	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	828478	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	380065	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	659009	20.00	ng		0.00
75) Chrysene-d12	14.04	240	498458	20.00	ng		0.00
86) Perylene-d12	15.51	264	454558	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	678579	48.48	ng		0.00
7) Phenol-d6	6.49	99	818772	49.03	ng		0.00
23) Nitrobenzene-d5	7.44	82	598309	42.44	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	166001	50.05	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1262026	51.88	ng		0.00
78) Terphenyl-d14	12.98	244	1086503	45.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	167121	23.924	ng	#	85
3) Pyridine	3.43	79	467173	24.489	ng		86
4) n-Nitrosodimethylamine	3.37	42	192824	24.137	ng		91
6) Aniline	6.54	93	584814	24.848	ng		97
8) 2-Chlorophenol	6.66	128	351420	25.032	ng		94
9) Benzaldehyde	6.43	77	301700	26.018	ng		98
10) Phenol	6.50	94	432226	22.901	ng		98
11) bis(2-Chloroethyl)ether	6.61	93	359706	25.040	ng		92
12) 1,3-Dichlorobenzene	6.82	146	400028	24.719	ng		96
13) 1,4-Dichlorobenzene	6.89	146	403201	24.968	ng		100
14) 1,2-Dichlorobenzene	7.05	146	373703	25.002	ng		97
15) Benzyl Alcohol	7.01	79	317240	25.969	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	685459	25.885	ng		95
17) 2-Methylphenol	7.12	107	313641	24.766	ng		100
18) Hexachloroethane	7.39	117	135892	23.897	ng		95
19) n-Nitroso-di-n-propylamine	7.29	70	263491	24.075	ng		91
20) 3+4-Methylphenols	7.27	107	407634	26.808	ng		96
22) Acetophenone	7.29	105	531053	26.604	ng	#	96
24) Nitrobenzene	7.46	77	356914	23.560	ng		98
25) Isophorone	7.69	82	696776	25.012	ng		97
26) 2-Nitrophenol	7.77	139	103293	16.290	ng		96
27) 2,4-Dimethylphenol	7.80	122	299488	25.290	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	423475	25.177	ng		99
29) 2,4-Dichlorophenol	8.01	162	278721	24.788	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	309103	26.281	ng		98
31) Naphthalene	8.18	128	1061015	25.630	ng		99
32) Benzoic acid	7.90	122	124333	13.846	ng		97
33) 4-Chloroaniline	8.23	127	455919	25.803	ng		98
34) Hexachlorobutadiene	8.30	225	160333	25.754	ng		99
35) Caprolactam	8.59	113	96851	25.090	ng	#	78
36) 4-Chloro-3-methylphenol	8.70	107	310637	25.238	ng		94
37) 2-Methylnaphthalene	8.87	142	692377	25.405	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	275616	25.633	ng		99
40) Hexachlorocyclopentadiene	9.03	237	129486	22.020	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	179908	24.281 ng		99
43) 2,4,5-Trichlorophenol	9.18	196	207868	24.821 ng		95
45) 1,1'-Biphenyl	9.33	154	837185	24.921 ng		98
46) 2-Chloronaphthalene	9.36	162	660645	25.360 ng		97
47) 2-Nitroaniline	9.45	65	168117	21.544 ng		86
48) Acenaphthylene	9.77	152	1030035	24.915 ng		99
49) Dimethylphthalate	9.63	163	772849	25.348 ng		99
50) 2,6-Dinitrotoluene	9.69	165	141558	23.243 ng	#	88
51) Acenaphthene	9.95	154	608856	24.264 ng		100
52) 3-Nitroaniline	9.86	138	170075	22.127 ng	#	98
53) 2,4-Dinitrophenol	9.96	184	19173	10.332 ng	#	34
54) Dibenzofuran	10.12	168	861730	25.023 ng		99
55) 4-Nitrophenol	10.00	139	120830	21.094 ng		92
56) 2,4-Dinitrotoluene	10.09	165	168434	22.065 ng		93
57) Fluorene	10.46	166	661222	27.775 ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	139801	23.448 ng		96
59) Diethylphthalate	10.33	149	758907	25.023 ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	292852	28.888 ng		96
61) 4-Nitroaniline	10.47	138	162620	22.293 ng		95
62) Azobenzene	10.62	77	755716	25.045 ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	43107	13.303 ng		91
65) n-Nitrosodiphenylamine	10.57	169	601688	24.382 ng		99
66) 4-Bromophenyl-phenylether	10.95	248	179455	25.786 ng		94
67) Hexachlorobenzene	11.01	284	196041	25.803 ng		94
68) Atrazine	11.09	200	179340	25.147 ng		98
69) Pentachlorophenol	11.20	266	113633	24.527 ng		98
70) Phenanthrene	11.43	178	954037	24.783 ng		98
71) Anthracene	11.47	178	983490	25.191 ng		99
72) Carbazole	11.63	167	946047	24.654 ng		99
73) Di-n-butylphthalate	11.96	149	1179209	25.047 ng		99
74) Fluoranthene	12.61	202	969565	25.600 ng		98
76) Benzidine	12.73	184	614050	25.511 ng		99
77) Pyrene	12.84	202	1001820	22.737 ng		100
79) Butylbenzylphthalate	13.46	149	445925	22.053 ng		98
80) Benzo(a)anthracene	14.03	228	802208	25.224 ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	310340	26.354 ng		97
82) Chrysene	14.06	228	812360	24.497 ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	624510	26.923 ng		100
84) Di-n-octyl phthalate	14.63	149	926514	24.070 ng		96
85) Indeno(1,2,3-cd)pyrene	16.99	276	655423	27.155 ng		98
87) Benzo(b)fluoranthene	15.07	252	728912	24.593 ng		98
88) Benzo(k)fluoranthene	15.10	252	759653	26.569 ng		99
89) Benzo(a)pyrene	15.44	252	679181	25.465 ng		97
90) Dibenzo(a,h)anthracene	17.00	278	543122	25.518 ng		98
91) Benzo(g,h,i)perylene	17.43	276	526172	24.542 ng		97

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

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