Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
Data File : BF090375.D
Acq On : 5 Oct 2016 12:20
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
SOHIL
10/6/2016 5:27:06 PM

Quant Time: Oct 05 13:41:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 13:33:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	271856	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	1146838	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	575407	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	952779	20.00	ng		0.00
75) Chrysene-d12	14.20	240	751086	20.00	ng		0.00
86) Perylene-d12	15.70	264	463826	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	965136	55.99	ng		0.00
7) Phenol-d6	6.62	99	1229975	57.09	ng		0.00
23) Nitrobenzene-d5	7.57	82	1241054	63.08	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	226977	45.42	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	1887067	53.47	ng		0.00
78) Terphenyl-d14	13.14	244	1764244	54.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	223223	26.53	ng	#	95
3) Pyridine	3.49	79	654690	29.36	ng		86
4) n-Nitrosodimethylamine	3.42	42	264459	32.74	ng	#	68
6) Aniline	6.66	93	833475	28.16	ng		97
8) 2-Chlorophenol	6.78	128	503398	25.99	ng		90
9) Benzaldehyde	6.54	77	300424	30.04	ng		86
10) Phenol	6.63	94	707122	26.99	ng		98
11) bis(2-Chloroethyl)ether	6.74	93	560032	30.10	ng		99
12) 1,3-Dichlorobenzene	6.94	146	507006	25.21	ng	#	91
13) 1,4-Dichlorobenzene	7.02	146	554770	27.16	ng		98
14) 1,2-Dichlorobenzene	7.17	146	463164	23.85	ng		94
15) Benzyl Alcohol	7.14	79	447763	29.48	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.27	45	979180	34.43	ng		98
17) 2-Methylphenol	7.25	107	433683	28.91	ng		100
18) Hexachloroethane	7.53	117	206977	28.00	ng		93
19) n-Nitroso-di-n-propylamine	7.41	70	420244	30.54	ng	#	86
20) 3+4-Methylphenols	7.40	107	541632	28.40	ng		98
22) Acetophenone	7.41	105	705463	26.57	ng	#	94
24) Nitrobenzene	7.58	77	581293	27.67	ng		95
25) Isophorone	7.82	82	1046941	27.97	ng		95
26) 2-Nitrophenol	7.90	139	255291	31.49	ng	#	75
27) 2,4-Dimethylphenol	7.94	122	487770	26.67	ng		95
28) bis(2-Chloroethoxy)methane	8.04	93	707348	30.43	ng		98
29) 2,4-Dichlorophenol	8.14	162	361570	24.15	ng		88
30) 1,2,4-Trichlorobenzene	8.23	180	407686	24.31	ng		98
31) Naphthalene	8.31	128	1379028	25.16	ng		98
32) Benzoic acid	8.04	122	326886	30.40	ng		92
33) 4-Chloroaniline	8.36	127	639109	29.19	ng		95
34) Hexachlorobutadiene	8.44	225	221115	22.40	ng		98
35) Caprolactam	8.73	113	134204	34.27	ng	#	82
36) 4-Chloro-3-methylphenol	8.84	107	480200	29.87	ng		91
37) 2-Methylnaphthalene	9.01	142	911081	26.48	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	349948	21.55	ng	#	97
40) Hexachlorocyclopentadiene	9.17	237	203530	21.43	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	295424	28.91	ng		99
43) 2,4,5-Trichlorophenol	9.32	196	242106	23.55	ng		95
45) 1,1'-Biphenyl	9.47	154	1071831	24.06	ng		92
46) 2-Chloronaphthalene	9.50	162	854364	25.55	ng		94
47) 2-Nitroaniline	9.58	65	303161	33.21	ng	#	78
48) Acenaphthylene	9.91	152	1301689	25.73	ng		99
49) Dimethylphthalate	9.77	163	908998	26.69	ng	#	99
50) 2,6-Dinitrotoluene	9.83	165	216356	29.04	ng	#	72
51) Acenaphthene	10.09	154	779107	25.31	ng		98
52) 3-Nitroaniline	9.99	138	232723	27.57	ng		82
53) 2,4-Dinitrophenol	10.10	184	79874	35.46	ng	#	1
54) Dibenzofuran	10.26	168	1008567	24.78	ng		91
55) 4-Nitrophenol	10.14	139	202863	30.19	ng	#	75
56) 2,4-Dinitrotoluene	10.23	165	301166	33.58	ng	#	62
57) Fluorene	10.60	166	877728	25.78	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.37	232	167931	23.16	ng	#	76
59) Diethylphthalate	10.47	149	998479	28.68	ng	#	93
60) 4-Chlorophenyl-phenylether	10.60	204	431102	26.70	ng		90
61) 4-Nitroaniline	10.61	138	252720	33.29	ng		95
62) Azobenzene	10.76	77	1179519	32.51	ng		89
64) 4,6-Dinitro-2-methylphenol	10.65	198	134193	36.92	ng	#	52
65) n-Nitrosodiphenylamine	10.71	169	850413	26.18	ng		98
66) 4-Bromophenyl-phenylether	11.09	248	240762	23.38	ng	#	90
67) Hexachlorobenzene	11.16	284	255379	21.10	ng	#	87
68) Atrazine	11.24	200	216130	27.79	ng		98
69) Pentachlorophenol	11.34	266	144177	21.25	ng		99
70) Phenanthrene	11.57	178	1303975	25.51	ng		98
71) Anthracene	11.62	178	1194541	23.41	ng		98
72) Carbazole	11.78	167	1219386	26.00	ng		96
73) Di-n-butylphthalate	12.11	149	1607633	28.68	ng		97
74) Fluoranthene	12.76	202	1136897	23.45	ng		97
76) Benzidine	12.87	184	462417	22.39	ng		99
77) Pyrene	12.99	202	1151274	23.94	ng		99
79) Butylbenzylphthalate	13.61	149	613006	32.34	ng	#	60
80) Benzo(a)anthracene	14.19	228	1043782	24.78	ng		98
81) 3,3'-Dichlorobenzidine	14.14	252	360414	24.84	ng	#	97
82) Chrysene	14.22	228	1004976	25.47	ng		99
83) Bis(2-ethylhexyl)phthalate	14.18	149	952003	31.40	ng		100
84) Di-n-octyl phthalate	14.80	149	1367346	31.04	ng		96
85) Indeno(1,2,3-cd)pyrene	17.22	276	642945	15.16	ng	#	93
87) Benzo(b)fluoranthene	15.25	252	844366	31.66	ng	#	93
88) Benzo(k)fluoranthene	15.29	252	633359m	24.86	ng		
89) Benzo(a)pyrene	15.64	252	659996	27.13	ng		97
90) Dibenzo(a,h)anthracene	17.24	278	529979	22.22	ng	#	94
91) Benzo(g,h,i)perylene	17.68	276	515865	22.08	ng	#	94

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

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