Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
Data File : BF086670.D
Acq On : 4 May 2016 11:48
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
sohil
5/5/2016 3:18:41 PM

Quant Time: May 04 13:43:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 13:25:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	196755	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	825404	20.00	ng		-0.01
38) Acenaphthene-d10	9.78	164	405578	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	769125	20.00	ng		0.00
75) Chrysene-d12	13.88	240	556852	20.00	ng		0.00
86) Perylene-d12	15.27	264	392168	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	252072	22.10	ng		0.00
7) Phenol-d6	6.37	99	354979	22.30	ng		0.00
23) Nitrobenzene-d5	7.30	82	335044	21.88	ng		-0.01
41) 2,4,6-Tribromophenol	10.56	330	82344	19.25	ng		-0.01
44) 2-Fluorobiphenyl	9.10	172	590231	24.63	ng		0.00
78) Terphenyl-d14	12.83	244	556485	22.02	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	62021	10.35	ng	#	72
3) Pyridine	2.97	79	137706	9.71	ng	#	69
4) n-Nitrosodimethylamine	2.89	42	88611	10.96	ng	#	56
6) Aniline	6.40	93	210185	10.91	ng		95
8) 2-Chlorophenol	6.51	128	153529	10.81	ng	#	79
9) Benzaldehyde	6.28	77	95625	10.32	ng		90
10) Phenol	6.38	94	195499	11.01	ng		77
11) bis(2-Chloroethyl)ether	6.48	93	156824	10.21	ng		97
12) 1,3-Dichlorobenzene	6.67	146	161384m	10.56	ng		
13) 1,4-Dichlorobenzene	6.75	146	167339	10.61	ng		94
14) 1,2-Dichlorobenzene	6.91	146	156913	10.85	ng		96
15) Benzyl Alcohol	6.88	79	107166	10.64	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	7.02	45	345763	11.25	ng		88
17) 2-Methylphenol	7.00	107	121507	10.58	ng		96
18) Hexachloroethane	7.25	117	60126	10.20	ng	#	76
19) n-Nitroso-di-n-propylamine	7.15	70	120126	11.42	ng	#	69
20) 3+4-Methylphenols	7.15	107	150066	11.45	ng	#	77
22) Acetophenone	7.15	105	214920	11.87	ng	#	92
24) Nitrobenzene	7.32	77	176976	11.23	ng		94
25) Isophorone	7.56	82	326122	11.07	ng		98
26) 2-Nitrophenol	7.64	139	77602	10.70	ng		91
27) 2,4-Dimethylphenol	7.69	122	135016	10.61	ng		95
28) bis(2-Chloroethoxy)methane	7.78	93	177395	11.05	ng		98
29) 2,4-Dichlorophenol	7.88	162	121893	11.35	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	131457	10.55	ng		95
31) Naphthalene	8.04	128	479663	11.42	ng		99
32) Benzoic acid	7.76	122	22536	3.42	ng		91
33) 4-Chloroaniline	8.10	127	171621	10.91	ng		97
34) Hexachlorobutadiene	8.17	225	80146	11.48	ng		98
35) Caprolactam	8.44	113	36645	10.23	ng	#	62
36) 4-Chloro-3-methylphenol	8.58	107	133471	10.86	ng		91
37) 2-Methylnaphthalene	8.74	142	277700	11.21	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	126917	10.93	ng		99
40) Hexachlorocyclopentadiene	8.89	237	36608	6.35	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	75415	10.28	ng		95
43) 2,4,5-Trichlorophenol	9.06	196	79326	9.92	ng		95
45) 1,1'-Biphenyl	9.20	154	363869	10.73	ng		97
46) 2-Chloronaphthalene	9.22	162	285502	11.08	ng		94
47) 2-Nitroaniline	9.32	65	91589	11.08	ng		88
48) Acenaphthylene	9.63	152	436367	10.83	ng		99
49) Dimethylphthalate	9.50	163	331554	10.86	ng		99
50) 2,6-Dinitrotoluene	9.56	165	69908	11.08	ng		90
51) Acenaphthene	9.80	154	269231	10.40	ng		98
52) 3-Nitroaniline	9.73	138	76970	10.73	ng		99
54) Dibenzofuran	9.97	168	341777	10.57	ng		94
55) 4-Nitrophenol	9.90	139	31685	6.75	ng	#	82
56) 2,4-Dinitrotoluene	9.96	165	88306	10.98	ng	#	91
57) Fluorene	10.32	166	296610	10.56	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	56934m	9.10	ng		
59) Diethylphthalate	10.20	149	321646	11.13	ng		97
60) 4-Chlorophenyl-phenylether	10.32	204	147591	11.58	ng		91
61) 4-Nitroaniline	10.34	138	72027	10.27	ng	#	78
62) Azobenzene	10.48	77	349543	11.04	ng		90
64) 4,6-Dinitro-2-methylphenol	10.37	198	16215	3.59	ng	#	79
65) n-Nitrosodiphenylamine	10.43	169	252914	10.52	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	81398	10.27	ng	#	81
67) Hexachlorobenzene	10.86	284	96596	10.53	ng	#	80
68) Atrazine	10.97	200	78780	10.91	ng		96
69) Pentachlorophenol	11.06	266	25524	5.28	ng		97
70) Phenanthrene	11.28	178	440807	10.92	ng		99
71) Anthracene	11.33	178	455172	10.57	ng		98
72) Carbazole	11.48	167	390111	10.22	ng		99
73) Di-n-butylphthalate	11.82	149	478646	11.07	ng		99
74) Fluoranthene	12.45	202	433602	10.64	ng		97
76) Benzidine	12.59	184	68898	3.60	ng		96
77) Pyrene	12.68	202	434044	10.82	ng		99
79) Butylbenzylphthalate	13.31	149	168632	9.70	ng	#	66
80) Benzo(a)anthracene	13.87	228	328039	11.05	ng		98
81) 3,3'-Dichlorobenzidine	13.84	252	195532	9.85	ng		99
82) Chrysene	13.90	228	337315	10.45	ng		100
83) Bis(2-ethylhexyl)phthalate	13.87	149	208489	9.67	ng	#	93
84) Di-n-octyl phthalate	14.49	149	295994	8.76	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.58	276	247079	10.33	ng		96
87) Benzo(b)fluoranthene	14.88	252	215124m	9.32	ng		
88) Benzo(k)fluoranthene	14.91	252	274599m	11.41	ng		
89) Benzo(a)pyrene	15.21	252	221764	10.18	ng		98
90) Dibenzo(a,h)anthracene	16.59	278	206383	11.58	ng		97
91) Benzo(g,h,i)perylene	16.97	276	206116	11.54	ng		96

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

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