Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081616\
Data File : BF089727.D
Acq On : 16 Aug 2016 16:23
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
umangi
8/17/2016 5:58:08 AM

Quant Time: Aug 16 18:52:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 18:33:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	607020m	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	2682972	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	1240629	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	2239918	20.00	ng		0.00
75) Chrysene-d12	13.89	240	1911193	20.00	ng		-0.01
86) Perylene-d12	15.39	264	1617990	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	839542	11.07	ng		-0.01
7) Phenol-d6	6.32	99	982122	10.38	ng		-0.01
23) Nitrobenzene-d5	7.26	82	823015	9.30	ng		-0.01
41) 2,4,6-Tribromophenol	10.51	330	258730	10.50	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	1689222	11.87	ng		-0.01
78) Terphenyl-d14	12.80	244	1648333	12.29	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	204064	10.35	ng		91
3) Pyridine	2.84	79	542090	11.04	ng		97
4) n-Nitrosodimethylamine	2.79	42	189935	9.23	ng		91
6) Aniline	6.35	93	718877	11.00	ng		99
8) 2-Chlorophenol	6.48	128	472737	11.30	ng	#	82
9) Benzaldehyde	6.24	77	340862	10.67	ng		82
10) Phenol	6.33	94	563940	9.93	ng		86
11) bis(2-Chloroethyl)ether	6.43	93	492540	11.86	ng		100
12) 1,3-Dichlorobenzene	6.64	146	529828m	11.70	ng		
13) 1,4-Dichlorobenzene	6.72	146	525474m	11.53	ng		
14) 1,2-Dichlorobenzene	6.87	146	503709	11.57	ng	#	95
15) Benzyl Alcohol	6.84	79	337130m	9.92	ng		
16) 2,2'-oxybis(1-Chloropropan	6.98	45	635617	11.98	ng		99
17) 2-Methylphenol	6.96	107	378026	10.84	ng		94
18) Hexachloroethane	7.21	117	180051	10.56	ng	#	78
19) n-Nitroso-di-n-propylamine	7.12	70	349724m	11.36	ng		
20) 3+4-Methylphenols	7.11	107	489464	11.41	ng		99
22) Acetophenone	7.11	105	679134	10.61	ng	#	98
24) Nitrobenzene	7.28	77	552133	11.62	ng		97
25) Isophorone	7.52	82	867780	9.80	ng		98
26) 2-Nitrophenol	7.60	139	225300	10.23	ng	#	77
27) 2,4-Dimethylphenol	7.64	122	474214	10.82	ng		96
28) bis(2-Chloroethoxy)methane	7.75	93	567659	10.09	ng		98
29) 2,4-Dichlorophenol	7.84	162	399332	10.72	ng		96
30) 1,2,4-Trichlorobenzene	7.93	180	433750	11.06	ng		97
31) Naphthalene	8.01	128	1374287	11.38	ng		98
32) Benzoic acid	7.72	122	276713	9.85	ng		98
33) 4-Chloroaniline	8.06	127	611860	10.60	ng	#	91
34) Hexachlorobutadiene	8.14	225	228605	11.43	ng		99
35) Caprolactam	8.39	113	113176	9.84	ng	#	81
36) 4-Chloro-3-methylphenol	8.54	107	433426	11.17	ng		94
37) 2-Methylnaphthalene	8.70	142	894911m	10.74	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	477192	13.75	ng		97
40) Hexachlorocyclopentadiene	8.86	237	178955	9.34	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	251925	10.12	ng		95
43) 2,4,5-Trichlorophenol	9.00	196	248930	10.50	ng	#	83
45) 1,1'-Biphenyl	9.16	154	1190188	11.58	ng		96
46) 2-Chloronaphthalene	9.19	162	849012	11.39	ng	#	91
47) 2-Nitroaniline	9.28	65	246145	10.21	ng	#	74
48) Acenaphthylene	9.60	152	1403398	11.96	ng		98
49) Dimethylphthalate	9.46	163	949101	10.92	ng		99
50) 2,6-Dinitrotoluene	9.52	165	201613	10.47	ng	#	76
51) Acenaphthene	9.77	154	915170	11.92	ng		99
52) 3-Nitroaniline	9.68	138	222497	8.91	ng		86
53) 2,4-Dinitrophenol	9.78	184	56974	8.32	ng	#	48
54) Dibenzofuran	9.94	168	1157293	10.63	ng		92
55) 4-Nitrophenol	9.84	139	195700	10.25	ng		92
56) 2,4-Dinitrotoluene	9.92	165	295956	11.90	ng	#	84
57) Fluorene	10.28	166	959816	12.29	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.06	232	216612	10.58	ng		99
59) Diethylphthalate	10.17	149	1091747	12.29	ng		99
60) 4-Chlorophenyl-phenylether	10.28	204	455094	13.20	ng		91
61) 4-Nitroaniline	10.28	138	232104	10.52	ng		93
62) Azobenzene	10.43	77	907530	9.42	ng		90
64) 4,6-Dinitro-2-methylphenol	10.32	198	107114	8.92	ng		96
65) n-Nitrosodiphenylamine	10.40	169	825000	11.40	ng		99
66) 4-Bromophenyl-phenylether	10.76	248	245657	10.71	ng	#	70
67) Hexachlorobenzene	10.82	284	281768	10.95	ng	#	69
68) Atrazine	10.92	200	249545	11.73	ng		97
69) Pentachlorophenol	11.02	266	170200	10.97	ng		98
70) Phenanthrene	11.23	178	1389797	12.51	ng		99
71) Anthracene	11.29	178	1369002	11.77	ng		97
72) Carbazole	11.44	167	1325060	11.96	ng		99
73) Di-n-butylphthalate	11.79	149	1625824	12.72	ng		99
74) Fluoranthene	12.41	202	1319988	11.24	ng		93
76) Benzidine	12.55	184	733894	11.21	ng		99
77) Pyrene	12.64	202	1420160	11.59	ng		99
79) Butylbenzylphthalate	13.30	149	610216	10.90	ng		98
80) Benzo(a)anthracene	13.87	228	1208259	11.01	ng		98
81) 3,3'-Dichlorobenzidine	13.85	252	417505	10.37	ng	#	95
82) Chrysene	13.92	228	1186649	12.04	ng		97
83) Bis(2-ethylhexyl)phthalate	13.91	149	902582	11.47	ng	#	99
84) Di-n-octyl phthalate	14.59	149	1270156	10.72	ng		98
85) Indeno(1,2,3-cd)pyrene	16.70	276	813810	9.64	ng		97
87) Benzo(b)fluoranthene	14.99	252	1138209	11.37	ng		99
88) Benzo(k)fluoranthene	15.03	252	907000m	11.33	ng		
89) Benzo(a)pyrene	15.34	252	944195	11.24	ng	#	95
90) Dibenzo(a,h)anthracene	16.72	278	682631	10.35	ng		97
91) Benzo(g,h,i)perylene	17.07	276	680218	10.17	ng		97

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

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