Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
Data File : BF090501.D
Acq On : 11 Oct 2016 14:56
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
sohil
10/12/2016 4:08:03 PM

Quant Time: Oct 11 16:06:31 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 15:28:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	214147	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	842113	20.00	ng		-0.01
38) Acenaphthene-d10	9.99	164	440497	20.00	ng		-0.01
63) Phenanthrene-d10	11.48	188	735998	20.00	ng		0.00
75) Chrysene-d12	14.13	240	709365	20.00	ng		0.00
86) Perylene-d12	15.61	264	577362	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	299000	21.72	ng		-0.01
7) Phenol-d6	6.58	99	381738	21.98	ng		-0.01
23) Nitrobenzene-d5	7.50	82	335268	21.59	ng		-0.01
41) 2,4,6-Tribromophenol	10.78	330	86149	19.73	ng		-0.01
44) 2-Fluorobiphenyl	9.32	172	575503	21.96	ng		0.00
78) Terphenyl-d14	13.07	244	633104	21.81	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	71949	10.66	ng	#	82
3) Pyridine	3.38	79	178562	9.57	ng	#	77
4) n-Nitrosodimethylamine	3.30	42	58960	9.64	ng	#	42
6) Aniline	6.60	93	234610	10.65	ng		97
8) 2-Chlorophenol	6.73	128	153791	10.50	ng		89
9) Benzaldehyde	6.50	77	121274	11.08	ng		88
10) Phenol	6.59	94	217376	11.09	ng		84
11) bis(2-Chloroethyl)ether	6.68	93	167994	11.45	ng		94
12) 1,3-Dichlorobenzene	6.89	146	163500	10.35	ng	#	90
13) 1,4-Dichlorobenzene	6.97	146	176302	10.94	ng		99
14) 1,2-Dichlorobenzene	7.13	146	151757	10.36	ng		95
15) Benzyl Alcohol	7.08	79	138959	10.42	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.23	45	230853	10.98	ng		92
17) 2-Methylphenol	7.19	107	121065	10.17	ng		96
18) Hexachloroethane	7.47	117	65867	11.07	ng		99
19) n-Nitroso-di-n-propylamine	7.35	70	127425	11.50	ng	#	80
20) 3+4-Methylphenols	7.35	107	172713	11.45	ng	#	66
22) Acetophenone	7.35	105	221173	11.93	ng	#	94
24) Nitrobenzene	7.53	77	189599	11.39	ng		98
25) Isophorone	7.77	82	299613	10.60	ng		97
26) 2-Nitrophenol	7.85	139	74288	9.78	ng	#	74
27) 2,4-Dimethylphenol	7.89	122	133568	10.34	ng		95
28) bis(2-Chloroethoxy)methane	7.98	93	201016	11.52	ng	#	96
29) 2,4-Dichlorophenol	8.10	162	111283	10.30	ng		97
30) 1,2,4-Trichlorobenzene	8.18	180	131525	10.60	ng		99
31) Naphthalene	8.26	128	455453	10.86	ng		97
32) Benzoic acid	7.96	122	102946	10.10	ng		96
33) 4-Chloroaniline	8.30	127	194983	10.98	ng		94
34) Hexachlorobutadiene	8.38	225	75000	10.81	ng		98
35) Caprolactam	8.63	113	34860	9.95	ng	#	88
36) 4-Chloro-3-methylphenol	8.78	107	144422	11.45	ng		96
37) 2-Methylnaphthalene	8.95	142	310044	11.74	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	118158	9.58	ng		99
40) Hexachlorocyclopentadiene	9.11	237	52255	8.54	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	89782	10.80	ng		96
43) 2,4,5-Trichlorophenol	9.26	196	79110	9.61	ng		96
45) 1,1'-Biphenyl	9.41	154	347452	10.33	ng		93
46) 2-Chloronaphthalene	9.43	162	252355	10.08	ng		96
47) 2-Nitroaniline	9.53	65	91880	10.29	ng	#	85
48) Acenaphthylene	9.86	152	454650	11.26	ng		96
49) Dimethylphthalate	9.71	163	316871	10.70	ng		98
50) 2,6-Dinitrotoluene	9.78	165	63369	9.69	ng	#	55
51) Acenaphthene	10.03	154	304298	11.24	ng		98
52) 3-Nitroaniline	9.94	138	85032	10.48	ng		94
53) 2,4-Dinitrophenol	10.04	184	31977	8.81	ng	#	26
54) Dibenzofuran	10.20	168	392668	10.90	ng		98
55) 4-Nitrophenol	10.10	139	66057	10.47	ng	#	73
56) 2,4-Dinitrotoluene	10.18	165	86724	10.02	ng	#	89
57) Fluorene	10.54	166	326558	11.11	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.31	232	67670	9.86	ng	#	83
59) Diethylphthalate	10.42	149	322765	10.71	ng		94
60) 4-Chlorophenyl-phenylether	10.54	204	134430	9.91	ng	#	82
61) 4-Nitroaniline	10.54	138	81684	9.86	ng		92
62) Azobenzene	10.69	77	335752	10.20	ng		87
64) 4,6-Dinitro-2-methylphenol	10.58	198	43544	8.86	ng	#	81
65) n-Nitrosodiphenylamine	10.65	169	239371	10.00	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	73999	9.07	ng	#	76
67) Hexachlorobenzene	11.09	284	85727	9.52	ng	#	84
68) Atrazine	11.17	200	71811	9.70	ng		95
69) Pentachlorophenol	11.29	266	50069	9.34	ng		99
70) Phenanthrene	11.50	178	427209	10.53	ng		96
71) Anthracene	11.56	178	453585	11.04	ng		96
72) Carbazole	11.71	167	419256	10.80	ng		96
73) Di-n-butylphthalate	12.05	149	506372	10.83	ng	#	94
74) Fluoranthene	12.69	202	427304	10.32	ng		95
76) Benzidine	12.82	184	250054	11.22	ng		97
77) Pyrene	12.92	202	461119	10.38	ng		96
79) Butylbenzylphthalate	13.55	149	232227	11.17	ng		96
80) Benzo(a)anthracene	14.12	228	444571	10.52	ng		96
81) 3,3'-Dichlorobenzidine	14.08	252	146904	9.66	ng	#	96
82) Chrysene	14.16	228	432131	10.98	ng		96
83) Bis(2-ethylhexyl)phthalate	14.11	149	341566	11.26	ng	#	98
84) Di-n-octyl phthalate	14.73	149	506108	10.77	ng	#	89
85) Indeno(1,2,3-cd)pyrene	17.07	276	314682	9.60	ng		96
87) Benzo(b)fluoranthene	15.17	252	378953	9.95	ng		98
88) Benzo(k)fluoranthene	15.20	252	354799m	10.47	ng		
89) Benzo(a)pyrene	15.54	252	337826	10.10	ng		97
90) Dibenzo(a,h)anthracene	17.09	278	278644	9.81	ng		96
91) Benzo(g,h,i)perylene	17.52	276	259335	9.87	ng		99

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

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