Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
Data File : BF086673.D
Acq On : 4 May 2016 13:14
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
sohil
5/5/2016 3:18:43 PM

Quant Time: May 04 14:05:04 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	177333	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	747994	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	353531	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	605840	20.00	ng		0.00
75) Chrysene-d12	13.89	240	381679	20.00	ng		0.01
86) Perylene-d12	15.28	264	339528	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1058040	102.91	ng		0.00
7) Phenol-d6	6.38	99	1367761	95.32	ng		0.01
23) Nitrobenzene-d5	7.31	82	1355535	97.68	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	343169	92.05	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1882690	90.13	ng		0.00
78) Terphenyl-d14	12.84	244	1802348	104.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	264667	49.01	ng	#	74
3) Pyridine	2.94	79	716362	56.05	ng	#	71
4) n-Nitrosodimethylamine	2.90	42	441910	60.66	ng	#	55
6) Aniline	6.41	93	892813	51.42	ng		96
8) 2-Chlorophenol	6.52	128	596819	46.61	ng		88
9) Benzaldehyde	6.28	77	339933	40.72	ng		98
10) Phenol	6.40	94	787442	49.19	ng	#	56
11) bis(2-Chloroethyl)ether	6.48	93	641370	46.34	ng	#	83
12) 1,3-Dichlorobenzene	6.68	146	659438	47.88	ng		99
13) 1,4-Dichlorobenzene	6.75	146	654724m	46.07	ng		
14) 1,2-Dichlorobenzene	6.91	146	624037	47.88	ng		98
15) Benzyl Alcohol	6.89	79	446201	49.15	ng		88
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1258677	45.44	ng		89
17) 2-Methylphenol	7.01	107	514156	49.68	ng	#	90
18) Hexachloroethane	7.25	117	263935	49.70	ng	#	90
19) n-Nitroso-di-n-propylamine	7.17	70	501392	52.86	ng	#	78
20) 3+4-Methylphenols	7.16	107	540675	45.75	ng		93
22) Acetophenone	7.16	105	827776	50.47	ng	#	89
24) Nitrobenzene	7.33	77	799443	56.00	ng		94
25) Isophorone	7.57	82	1270636	47.58	ng		99
26) 2-Nitrophenol	7.64	139	319573	48.62	ng	#	70
27) 2,4-Dimethylphenol	7.69	122	550052	47.70	ng		90
28) bis(2-Chloroethoxy)methane	7.79	93	731170	50.25	ng		99
29) 2,4-Dichlorophenol	7.89	162	502665	51.66	ng		95
30) 1,2,4-Trichlorobenzene	7.97	180	549643	48.69	ng		99
31) Naphthalene	8.05	128	1762284	46.30	ng		99
32) Benzoic acid	7.82	122	230787	38.59	ng		87
33) 4-Chloroaniline	8.10	127	686007	48.13	ng	#	89
34) Hexachlorobutadiene	8.17	225	294688	46.57	ng		98
35) Caprolactam	8.49	113	147425	45.42	ng	#	58
36) 4-Chloro-3-methylphenol	8.59	107	521364	46.80	ng		90
37) 2-Methylnaphthalene	8.74	142	1026575	45.71	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	497564	49.17	ng		99
40) Hexachlorocyclopentadiene	8.89	237	214860	42.73	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	326150	50.99	ng		92
43) 2,4,5-Trichlorophenol	9.06	196	335038	48.05	ng	#	84
45) 1,1'-Biphenyl	9.21	154	1393695	47.16	ng		97
46) 2-Chloronaphthalene	9.23	162	1070706	47.65	ng		96
47) 2-Nitroaniline	9.32	65	378902	52.59	ng	#	74
48) Acenaphthylene	9.64	152	1603960	45.67	ng		99
49) Dimethylphthalate	9.52	163	1265005	47.53	ng		100
50) 2,6-Dinitrotoluene	9.57	165	268701	48.87	ng	#	88
51) Acenaphthene	9.81	154	983204	43.59	ng		99
52) 3-Nitroaniline	9.74	138	321617	51.43	ng		97
53) 2,4-Dinitrophenol	9.85	184	87446	35.56	ng		92
54) Dibenzofuran	9.98	168	1299482	46.09	ng		97
55) 4-Nitrophenol	9.90	139	194748	47.56	ng	#	59
56) 2,4-Dinitrotoluene	9.97	165	323884	46.21	ng	#	85
57) Fluorene	10.33	166	1102457	45.04	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	239483	43.93	ng		98
59) Diethylphthalate	10.21	149	1217065	48.31	ng		96
60) 4-Chlorophenyl-phenylether	10.32	204	460712	41.45	ng		97
61) 4-Nitroaniline	10.35	138	307149	50.25	ng	#	72
62) Azobenzene	10.48	77	1242847	45.04	ng		86
64) 4,6-Dinitro-2-methylphenol	10.38	198	170018	47.80	ng		88
65) n-Nitrosodiphenylamine	10.44	169	921985	48.69	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	291534	46.70	ng		99
67) Hexachlorobenzene	10.88	284	372256	51.52	ng		99
68) Atrazine	10.97	200	282314	49.65	ng		95
69) Pentachlorophenol	11.07	266	170660	44.80	ng		96
70) Phenanthrene	11.29	178	1601197	50.36	ng		100
71) Anthracene	11.33	178	1555157	45.83	ng		99
72) Carbazole	11.49	167	1509183	50.18	ng		99
73) Di-n-butylphthalate	11.82	149	1601640	47.01	ng	#	98
74) Fluoranthene	12.46	202	1555062	48.45	ng		97
76) Benzidine	12.59	184	558698	42.59	ng		99
77) Pyrene	12.69	202	1601022	58.21	ng		99
79) Butylbenzylphthalate	13.32	149	717022	60.20	ng		94
80) Benzo(a)anthracene	13.87	228	1068158	52.49	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	684420	50.31	ng	#	97
82) Chrysene	13.92	228	1233866	55.78	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	796117	53.84	ng		98
84) Di-n-octyl phthalate	14.49	149	1184486	51.16	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.59	276	1118184	68.23	ng		96
87) Benzo(b)fluoranthene	14.89	252	1000120m	50.07	ng		
88) Benzo(k)fluoranthene	14.91	252	877681m	42.13	ng		
89) Benzo(a)pyrene	15.22	252	919517	48.76	ng		99
90) Dibenzo(a,h)anthracene	16.61	278	919079	59.56	ng	#	94
91) Benzo(g,h,i)perylene	16.99	276	960126	62.08	ng		96

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

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