Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110316\
Data File : BF091008.D
Acq On : 3 Nov 2016 20:14
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
11/4/2016 8:32:36 AM

Quant Time: Nov 04 01:30:59 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 01:12:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	200331	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	858964	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	425928	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	690006	20.00	ng		0.00
75) Chrysene-d12	13.86	240	535793	20.00	ng		0.00
86) Perylene-d12	15.25	264	451936	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1170123	90.08	ng		0.00
7) Phenol-d6	6.36	99	1522776	93.20	ng		0.01
23) Nitrobenzene-d5	7.28	82	1510991	99.14	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	421768	97.92	ng		0.01
44) 2-Fluorobiphenyl	9.08	172	2476579	88.18	ng		0.01
78) Terphenyl-d14	12.82	244	2379473	100.69	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	320383	54.91	ng		100
3) Pyridine	2.88	79	817023	53.88	ng		99
4) n-Nitrosodimethylamine	2.84	42	330537	44.24	ng		96
6) Aniline	6.37	93	906459	45.64	ng	#	70
8) 2-Chlorophenol	6.49	128	669797	45.84	ng		96
9) Benzaldehyde	6.25	77	403897	42.91	ng		99
10) Phenol	6.37	94	863056	47.24	ng		84
11) bis(2-Chloroethyl)ether	6.45	93	743529	51.82	ng		91
12) 1,3-Dichlorobenzene	6.65	146	744777	48.00	ng		99
13) 1,4-Dichlorobenzene	6.73	146	746442	48.07	ng		100
14) 1,2-Dichlorobenzene	6.88	146	670220	46.37	ng		98
15) Benzyl Alcohol	6.86	79	549740	48.97	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.99	45	1008656	43.07	ng		85
17) 2-Methylphenol	6.98	107	539712	46.62	ng		98
18) Hexachloroethane	7.22	117	297470	49.72	ng		97
19) n-Nitroso-di-n-propylamine	7.14	70	488658	47.55	ng		96
20) 3+4-Methylphenols	7.14	107	649688	44.87	ng		94
22) Acetophenone	7.13	105	875581	39.21	ng	#	98
24) Nitrobenzene	7.30	77	798298	47.22	ng		96
25) Isophorone	7.54	82	1381432	46.65	ng		97
26) 2-Nitrophenol	7.62	139	394662	49.43	ng	#	70
27) 2,4-Dimethylphenol	7.66	122	612493	43.72	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	783227	44.02	ng		99
29) 2,4-Dichlorophenol	7.86	162	510667	43.35	ng		98
30) 1,2,4-Trichlorobenzene	7.94	180	587676	43.74	ng		99
31) Naphthalene	8.02	128	1961888	45.15	ng		99
32) Benzoic acid	7.84	122	467730	51.95	ng		96
33) 4-Chloroaniline	8.08	127	855767	47.59	ng		97
34) Hexachlorobutadiene	8.13	225	310316	40.90	ng		100
35) Caprolactam	8.46	113	157162	43.97	ng		99
36) 4-Chloro-3-methylphenol	8.57	107	598415	43.37	ng		91
37) 2-Methylnaphthalene	8.70	142	1207243	45.30	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	547929	40.53	ng		99
40) Hexachlorocyclopentadiene	8.86	237	203878	44.64	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	352284	41.20	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	386204	44.06	ng		94
45) 1,1'-Biphenyl	9.17	154	1397826	37.51	ng		98
46) 2-Chloronaphthalene	9.20	162	1117475	40.28	ng		99
47) 2-Nitroaniline	9.30	65	427339	46.61	ng		93
48) Acenaphthylene	9.61	152	1664611	39.81	ng		100
49) Dimethylphthalate	9.48	163	1350764	42.48	ng		100
50) 2,6-Dinitrotoluene	9.55	165	341560	49.89	ng	#	61
51) Acenaphthene	9.78	154	1097096	40.70	ng		100
52) 3-Nitroaniline	9.72	138	355557	44.85	ng	#	67
53) 2,4-Dinitrophenol	9.82	184	159847	57.27	ng	#	90
54) Dibenzofuran	9.95	168	1473242	44.17	ng		100
55) 4-Nitrophenol	9.89	139	215844	38.80	ng	#	74
56) 2,4-Dinitrotoluene	9.95	165	383819	42.78	ng	#	85
57) Fluorene	10.29	166	1096963	39.49	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	302359	44.24	ng		100
59) Diethylphthalate	10.18	149	1260931	39.90	ng		99
60) 4-Chlorophenyl-phenylether	10.29	204	607710	45.62	ng		95
61) 4-Nitroaniline	10.34	138	373882	47.96	ng		91
62) Azobenzene	10.45	77	1665241	53.69	ng		95
64) 4,6-Dinitro-2-methylphenol	10.36	198	228523	54.27	ng	#	60
65) n-Nitrosodiphenylamine	10.42	169	1117562	51.94	ng		99
66) 4-Bromophenyl-phenylether	10.77	248	351616	47.51	ng		99
67) Hexachlorobenzene	10.84	284	379787	45.41	ng		94
68) Atrazine	10.94	200	293740	41.93	ng		97
69) Pentachlorophenol	11.04	266	179572	46.92	ng		98
70) Phenanthrene	11.25	178	1686994	43.53	ng		99
71) Anthracene	11.31	178	1903167	50.20	ng		100
72) Carbazole	11.46	167	1615871	48.75	ng		100
73) Di-n-butylphthalate	11.80	149	2105959	48.20	ng		99
74) Fluoranthene	12.44	202	1912765	50.22	ng		90
76) Benzidine	12.57	184	625960	41.82	ng		98
77) Pyrene	12.66	202	1838326	46.55	ng		100
79) Butylbenzylphthalate	13.29	149	817830	44.99	ng		100
80) Benzo(a)anthracene	13.85	228	1572533	47.90	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	612427	53.51	ng	#	98
82) Chrysene	13.89	228	1707580	53.45	ng		98
83) Bis(2-ethylhexyl)phthalate	13.86	149	1135676	49.15	ng	#	93
84) Di-n-octyl phthalate	14.47	149	1916790	50.10	ng		98
85) Indeno(1,2,3-cd)pyrene	16.57	276	1319740	52.31	ng		98
87) Benzo(b)fluoranthene	14.87	252	1440341	46.70	ng		98
88) Benzo(k)fluoranthene	14.90	252	1485660m	58.38	ng		
89) Benzo(a)pyrene	15.20	252	1291645	49.16	ng	#	96
90) Dibenzo(a,h)anthracene	16.58	278	1167942	52.62	ng		98
91) Benzo(g,h,i)perylene	16.97	276	1032189	46.94	ng		98

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

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