Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090338.D
Acq On : 4 Oct 2016 12:28
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
sohil
10/5/2016 7:26:09 PM

Quant Time: Oct 04 13:02:50 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 12:47:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	288092	20.00	ng		0.01
21) Naphthalene-d8	8.30	136	1095755	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	509549	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	770660	20.00	ng		0.00
75) Chrysene-d12	14.19	240	603654	20.00	ng		0.00
86) Perylene-d12	15.70	264	553242	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1712878	96.91	ng		0.00
7) Phenol-d6	6.63	99	2095220	95.99	ng		0.00
23) Nitrobenzene-d5	7.58	82	1905836	100.82	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	420551	96.20	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	3221206	124.11	ng		0.00
78) Terphenyl-d14	13.14	244	2631748	110.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	436368	45.50	ng	#	88
3) Pyridine	3.47	79	1151328	55.36	ng	#	83
4) n-Nitrosodimethylamine	3.43	42	436276	70.29	ng	#	57
6) Aniline	6.67	93	1523284	55.99	ng		97
8) 2-Chlorophenol	6.80	128	979550	48.17	ng		84
9) Benzaldehyde	6.56	77	523081	54.99	ng		94
10) Phenol	6.64	94	1172424	45.44	ng		97
11) bis(2-Chloroethyl)ether	6.74	93	900276	44.74	ng		94
12) 1,3-Dichlorobenzene	6.95	146	978968	46.08	ng	#	90
13) 1,4-Dichlorobenzene	7.03	146	1016541	46.86	ng		99
14) 1,2-Dichlorobenzene	7.19	146	1052517	54.47	ng		96
15) Benzyl Alcohol	7.14	79	762008	58.54	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1432718	59.58	ng		92
17) 2-Methylphenol	7.26	107	774747	48.37	ng		96
18) Hexachloroethane	7.53	117	386656	49.97	ng		97
19) n-Nitroso-di-n-propylamine	7.43	70	747970	58.33	ng	#	81
20) 3+4-Methylphenols	7.42	107	990881	51.52	ng	#	68
22) Acetophenone	7.42	105	1172990	44.39	ng		97
24) Nitrobenzene	7.60	77	1030616	52.33	ng	#	80
25) Isophorone	7.84	82	1783077	45.15	ng	#	94
26) 2-Nitrophenol	7.91	139	381663	39.35	ng	#	76
27) 2,4-Dimethylphenol	7.94	122	807391	46.86	ng		98
28) bis(2-Chloroethoxy)methane	8.04	93	1118329	46.81	ng		98
29) 2,4-Dichlorophenol	8.15	162	684298	45.28	ng		91
30) 1,2,4-Trichlorobenzene	8.24	180	770893	51.06	ng		99
31) Naphthalene	8.32	128	2334805	44.75	ng		99
32) Benzoic acid	8.06	122	541454	45.77	ng		96
33) 4-Chloroaniline	8.36	127	1050041	48.52	ng		93
34) Hexachlorobutadiene	8.44	225	474723	59.61	ng		98
35) Caprolactam	8.73	113	183208	36.62	ng	#	86
36) 4-Chloro-3-methylphenol	8.83	107	715681	41.90	ng		95
37) 2-Methylnaphthalene	9.02	142	1647384	50.77	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	690942	59.08	ng		99
40) Hexachlorocyclopentadiene	9.18	237	455327	78.89	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	484258	58.10	ng		99
43) 2,4,5-Trichlorophenol	9.32	196	493173	57.14	ng	#	91
45) 1,1'-Biphenyl	9.48	154	1883052	51.65	ng		93
46) 2-Chloronaphthalene	9.51	162	1517173	56.41	ng		94
47) 2-Nitroaniline	9.59	65	390315	48.14	ng		91
48) Acenaphthylene	9.92	152	2087064	47.78	ng		100
49) Dimethylphthalate	9.78	163	1458793	44.95	ng		97
50) 2,6-Dinitrotoluene	9.84	165	352765	48.77	ng	#	60
51) Acenaphthene	10.09	154	1262320	48.69	ng		98
52) 3-Nitroaniline	10.00	138	336436	39.67	ng		94
53) 2,4-Dinitrophenol	10.10	184	111501	35.27	ng	#	1
54) Dibenzofuran	10.26	168	1654766	48.50	ng		93
55) 4-Nitrophenol	10.15	139	318766	54.87	ng		91
56) 2,4-Dinitrotoluene	10.24	165	456918	53.42	ng	#	75
57) Fluorene	10.60	166	1386438	53.92	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	324788m	50.27	ng		
59) Diethylphthalate	10.48	149	1440987	45.97	ng		94
60) 4-Chlorophenyl-phenylether	10.60	204	715918	61.06	ng	#	85
61) 4-Nitroaniline	10.62	138	368529	42.64	ng		92
62) Azobenzene	10.76	77	1654661	50.72	ng		84
64) 4,6-Dinitro-2-methylphenol	10.64	198	157554	32.64	ng		92
65) n-Nitrosodiphenylamine	10.72	169	1303476	51.43	ng		98
66) 4-Bromophenyl-phenylether	11.10	248	410219	54.09	ng	#	83
67) Hexachlorobenzene	11.15	284	450631	50.98	ng	#	75
68) Atrazine	11.24	200	312364	44.98	ng		93
69) Pentachlorophenol	11.35	266	277646	55.34	ng		99
70) Phenanthrene	11.58	178	1984101	55.05	ng		98
71) Anthracene	11.62	178	1858297	49.16	ng		99
72) Carbazole	11.77	167	1639501	41.03	ng		99
73) Di-n-butylphthalate	12.11	149	2165763	46.61	ng	#	97
74) Fluoranthene	12.77	202	1844983	47.69	ng		97
76) Benzidine	12.88	184	825286	40.85	ng		97
77) Pyrene	12.99	202	1800672	43.59	ng		100
79) Butylbenzylphthalate	13.61	149	771213	38.17	ng	#	72
80) Benzo(a)anthracene	14.18	228	1629099	50.16	ng		99
81) 3,3'-Dichlorobenzidine	14.15	252	627582	46.86	ng	#	98
82) Chrysene	14.23	228	1565928	49.50	ng		99
83) Bis(2-ethylhexyl)phthalate	14.18	149	1219911	47.18	ng		97
84) Di-n-octyl phthalate	14.80	149	1875777	42.11	ng	#	91
85) Indeno(1,2,3-cd)pyrene	17.22	276	1750007	68.42	ng		98
87) Benzo(b)fluoranthene	15.26	252	1404334	45.84	ng	#	95
88) Benzo(k)fluoranthene	15.29	252	1563838m	54.39	ng		
89) Benzo(a)pyrene	15.63	252	1413246	49.04	ng	#	96
90) Dibenzo(a,h)anthracene	17.25	278	1442156	64.13	ng	#	97
91) Benzo(g,h,i)perylene	17.69	276	1422249	64.62	ng		98

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

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