Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110916\
Data File : BF091123.D
Acq On : 9 Nov 2016 13:58
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/10/2016 8:39:31 AM

Quant Time: Nov 09 22:49:08 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	178670	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	730584	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	383314	20.00	ng		0.00
63) Phenanthrene-d10	11.17	188	623675	20.00	ng		0.00
75) Chrysene-d12	13.80	240	486911	20.00	ng		-0.01
86) Perylene-d12	15.17	264	352032	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	983732	90.93	ng		0.00
7) Phenol-d6	6.32	99	1199851	81.71	ng		0.00
23) Nitrobenzene-d5	7.23	82	1061202	79.24	ng		-0.01
41) 2,4,6-Tribromophenol	10.49	330	310206	89.52	ng		0.00
44) 2-Fluorobiphenyl	9.02	172	1677070	75.32	ng		-0.01
78) Terphenyl-d14	12.76	244	1838444	94.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	236016	38.14	ng		97
3) Pyridine	2.77	79	621844	42.95	ng		98
4) n-Nitrosodimethylamine	2.74	42	226393	39.53	ng		92
6) Aniline	6.32	93	699494	40.39	ng		95
8) 2-Chlorophenol	6.44	128	538149	41.70	ng		94
9) Benzaldehyde	6.20	77	302307	37.09	ng		92
10) Phenol	6.33	94	714734	43.98	ng	#	71
11) bis(2-Chloroethyl)ether	6.40	93	523740	38.25	ng		98
12) 1,3-Dichlorobenzene	6.59	146	528289m	40.48	ng		
13) 1,4-Dichlorobenzene	6.67	146	553990m	39.56	ng		
14) 1,2-Dichlorobenzene	6.83	146	525021	40.85	ng		96
15) Benzyl Alcohol	6.82	79	430864	41.60	ng	#	91
16) 2,2'-oxybis(1-Chloropropan	6.94	45	688960	35.14	ng		81
17) 2-Methylphenol	6.93	107	405225	39.67	ng		96
18) Hexachloroethane	7.16	117	211760	39.07	ng	#	83
19) n-Nitroso-di-n-propylamine	7.08	70	381906	37.53	ng		98
20) 3+4-Methylphenols	7.09	107	523820	42.71	ng		95
22) Acetophenone	7.08	105	729456	43.36	ng		95
24) Nitrobenzene	7.25	77	654047	44.22	ng		95
25) Isophorone	7.49	82	1021949	39.60	ng		98
26) 2-Nitrophenol	7.56	139	263365	42.07	ng		99
27) 2,4-Dimethylphenol	7.62	122	440195	42.52	ng		97
28) bis(2-Chloroethoxy)methane	7.71	93	626485	44.44	ng		100
29) 2,4-Dichlorophenol	7.81	162	392769	43.47	ng		97
30) 1,2,4-Trichlorobenzene	7.89	180	443373	43.65	ng		98
31) Naphthalene	7.96	128	1433379	41.02	ng		99
32) Benzoic acid	7.78	122	314587	39.91	ng		95
33) 4-Chloroaniline	8.03	127	625648	43.06	ng		98
34) Hexachlorobutadiene	8.09	225	246421	44.94	ng		98
35) Caprolactam	8.41	113	114642	40.39	ng		99
36) 4-Chloro-3-methylphenol	8.52	107	465051	42.52	ng		93
37) 2-Methylnaphthalene	8.66	142	947098	42.17	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	434083	44.42	ng		99
40) Hexachlorocyclopentadiene	8.81	237	109290	33.22	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	275484	43.67	ng		98
43) 2,4,5-Trichlorophenol	8.99	196	286534	43.26	ng		98
45) 1,1'-Biphenyl	9.13	154	1222537	43.68	ng		97
46) 2-Chloronaphthalene	9.15	162	923016	43.44	ng		94
47) 2-Nitroaniline	9.25	65	353304	44.80	ng		92
48) Acenaphthylene	9.56	152	1381861	41.73	ng		99
49) Dimethylphthalate	9.44	163	1067732	42.48	ng		99
50) 2,6-Dinitrotoluene	9.49	165	213874	39.70	ng		89
51) Acenaphthene	9.73	154	873224	42.00	ng		100
52) 3-Nitroaniline	9.66	138	279467	43.75	ng		92
53) 2,4-Dinitrophenol	9.78	184	100484	37.83	ng		97
54) Dibenzofuran	9.90	168	1215079	43.42	ng		93
55) 4-Nitrophenol	9.85	139	126601	33.36	ng	#	78
56) 2,4-Dinitrotoluene	9.90	165	289765	42.28	ng		94
57) Fluorene	10.24	166	933426	40.80	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	217929	42.00	ng		98
59) Diethylphthalate	10.13	149	1033879	40.12	ng		96
60) 4-Chlorophenyl-phenylether	10.24	204	428434	41.15	ng	#	85
61) 4-Nitroaniline	10.28	138	293112	45.36	ng		98
62) Azobenzene	10.40	77	1202979	39.66	ng		88
64) 4,6-Dinitro-2-methylphenol	10.30	198	153387	40.16	ng	#	8
65) n-Nitrosodiphenylamine	10.36	169	857606	43.26	ng		100
66) 4-Bromophenyl-phenylether	10.73	248	267936	41.30	ng	#	72
67) Hexachlorobenzene	10.78	284	282288	39.45	ng	#	82
68) Atrazine	10.89	200	200278	35.02	ng		95
69) Pentachlorophenol	10.99	266	113075	35.68	ng		99
70) Phenanthrene	11.20	178	1247344	37.62	ng		100
71) Anthracene	11.25	178	1469083	41.68	ng		99
72) Carbazole	11.41	167	1369661	43.12	ng		98
73) Di-n-butylphthalate	11.74	149	1431449	35.83	ng	#	98
74) Fluoranthene	12.38	202	1385112	40.28	ng		89
76) Benzidine	12.51	184	374830	34.46	ng		97
77) Pyrene	12.60	202	1332920	41.80	ng		98
79) Butylbenzylphthalate	13.23	149	590794	38.73	ng		98
80) Benzo(a)anthracene	13.79	228	1114355	40.31	ng		100
81) 3,3'-Dichlorobenzidine	13.77	252	395924	40.76	ng		98
82) Chrysene	13.84	228	1141311	41.87	ng		100
83) Bis(2-ethylhexyl)phthalate	13.80	149	793272	38.43	ng	#	94
84) Di-n-octyl phthalate	14.41	149	1187760	35.00	ng		95
85) Indeno(1,2,3-cd)pyrene	16.47	276	872169	38.56	ng		97
87) Benzo(b)fluoranthene	14.80	252	887607m	37.18	ng		
88) Benzo(k)fluoranthene	14.82	252	908691m	43.39	ng		
89) Benzo(a)pyrene	15.12	252	845032	40.65	ng	#	96
90) Dibenzo(a,h)anthracene	16.48	278	757431	42.15	ng	#	95
91) Benzo(g,h,i)perylene	16.84	276	723717	44.54	ng		97

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

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