Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
Data File : BF092016.D
Acq On : 29 Dec 2016 11:05
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/30/2016 8:41:40 AM

Quant Time: Dec 29 18:00:34 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	192283	20.00	ng		-0.01
21) Naphthalene-d8	7.98	136	824867	20.00	ng		-0.01
38) Acenaphthene-d10	9.73	164	429058	20.00	ng		-0.02
63) Phenanthrene-d10	11.21	188	696435	20.00	ng		-0.02
75) Chrysene-d12	13.85	240	545531	20.00	ng		-0.02
86) Perylene-d12	15.23	264	499119	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	842249	73.14	ng		-0.02
7) Phenol-d6	6.36	99	1016682	72.31	ng		-0.02
23) Nitrobenzene-d5	7.26	82	1065627	71.84	ng		-0.02
41) 2,4,6-Tribromophenol	10.52	330	267415	75.31	ng		-0.02
44) 2-Fluorobiphenyl	9.06	172	1713552	81.26	ng		-0.02
78) Terphenyl-d14	12.80	244	1597566	71.02	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	219391	38.70	ng		99
3) Pyridine	2.84	79	683045	34.52	ng		97
4) n-Nitrosodimethylamine	2.81	42	288022	38.59	ng		95
6) Aniline	6.36	93	673362	36.87	ng	#	53
8) 2-Chlorophenol	6.49	128	517455	39.50	ng		95
9) Benzaldehyde	6.24	77	308522	37.65	ng		95
10) Phenol	6.37	94	594253	37.09	ng		82
11) bis(2-Chloroethyl)ether	6.44	93	523645	41.08	ng		95
12) 1,3-Dichlorobenzene	6.64	146	563348m	40.29	ng		
13) 1,4-Dichlorobenzene	6.72	146	558752	39.26	ng		93
14) 1,2-Dichlorobenzene	6.86	146	489338	39.62	ng		97
15) Benzyl Alcohol	6.85	79	408831	37.42	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	747334	39.37	ng	#	4
17) 2-Methylphenol	6.98	107	395767	37.57	ng	#	90
18) Hexachloroethane	7.21	117	210608	39.91	ng		97
19) n-Nitroso-di-n-propylamine	7.13	70	409553	43.79	ng	#	90
20) 3+4-Methylphenols	7.14	107	562011	44.73	ng	#	74
22) Acetophenone	7.12	105	785111	38.59	ng	#	93
24) Nitrobenzene	7.29	77	622609	39.41	ng		96
25) Isophorone	7.53	82	992011	36.25	ng		95
26) 2-Nitrophenol	7.61	139	297517	38.18	ng	#	80
27) 2,4-Dimethylphenol	7.65	122	439367	34.00	ng		98
28) bis(2-Chloroethoxy)methane	7.74	93	616192	37.13	ng		100
29) 2,4-Dichlorophenol	7.86	162	414220	37.85	ng		96
30) 1,2,4-Trichlorobenzene	7.93	180	449690	37.50	ng		96
31) Naphthalene	8.01	128	1541755	40.84	ng		99
32) Benzoic acid	7.80	122	347957	36.30	ng		98
33) 4-Chloroaniline	8.06	127	619578	36.40	ng		99
34) Hexachlorobutadiene	8.12	225	237749	37.56	ng		99
35) Caprolactam	8.44	113	134882	37.51	ng	#	57
36) 4-Chloro-3-methylphenol	8.57	107	480680	38.17	ng		88
37) 2-Methylnaphthalene	8.69	142	898725	36.85	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	432597	39.91	ng		98
40) Hexachlorocyclopentadiene	8.85	237	183736	40.14	ng		98

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	286047	37.73	ng		96
43) 2,4,5-Trichlorophenol	9.02	196	300092	38.46	ng		93
45) 1,1'-Biphenyl	9.16	154	1198912	40.81	ng		99
46) 2-Chloronaphthalene	9.18	162	913723	39.27	ng		97
47) 2-Nitroaniline	9.29	65	314307	37.94	ng		99
48) Acenaphthylene	9.60	152	1354897	37.87	ng		99
49) Dimethylphthalate	9.47	163	1009924	36.80	ng		98
50) 2,6-Dinitrotoluene	9.53	165	217847	36.27	ng	#	59
51) Acenaphthene	9.77	154	937465	38.65	ng		99
52) 3-Nitroaniline	9.70	138	251604	33.85	ng		96
53) 2,4-Dinitrophenol	9.81	184	121701	36.42	ng		94
54) Dibenzofuran	9.94	168	1102521	33.66	ng		98
55) 4-Nitrophenol	9.89	139	204890	40.60	ng	#	70
56) 2,4-Dinitrotoluene	9.94	165	304023	40.33	ng		88
57) Fluorene	10.28	166	958250	40.21	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	237500	38.49	ng		95
59) Diethylphthalate	10.17	149	1097199	41.17	ng		98
60) 4-Chlorophenyl-phenylether	10.28	204	417065	39.96	ng	#	76
61) 4-Nitroaniline	10.32	138	284565	36.94	ng		97
62) Azobenzene	10.43	77	1095949	37.35	ng		97
64) 4,6-Dinitro-2-methylphenol	10.34	198	170288	40.44	ng	#	37
65) n-Nitrosodiphenylamine	10.40	169	781800	37.83	ng		99
66) 4-Bromophenyl-phenylether	10.76	248	270269	37.31	ng		96
67) Hexachlorobenzene	10.83	284	312030	40.30	ng		95
68) Atrazine	10.93	200	251885	37.79	ng		97
69) Pentachlorophenol	11.02	266	152693	40.19	ng		97
70) Phenanthrene	11.24	178	1499244	39.70	ng		98
71) Anthracene	11.29	178	1373751	39.30	ng		99
72) Carbazole	11.45	167	1246780	37.23	ng		99
73) Di-n-butylphthalate	11.79	149	1665903	46.71	ng	#	97
74) Fluoranthene	12.42	202	1384676	41.50	ng		98
76) Benzidine	12.54	184	566193	39.64	ng		97
77) Pyrene	12.65	202	1483429	37.06	ng		100
79) Butylbenzylphthalate	13.28	149	681831	37.45	ng		96
80) Benzo(a)anthracene	13.84	228	1267810	41.17	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	456142	39.06	ng		97
82) Chrysene	13.87	228	1072427	34.72	ng		98
83) Bis(2-ethylhexyl)phthalate	13.84	149	809253	37.75	ng		99
84) Di-n-octyl phthalate	14.45	149	1544217	38.88	ng		99
85) Indeno(1,2,3-cd)pyrene	16.53	276	943369	35.25	ng		99
87) Benzo(b)fluoranthene	14.84	252	1076570m	34.64	ng		
88) Benzo(k)fluoranthene	14.88	252	1123532m	42.40	ng		
89) Benzo(a)pyrene	15.17	252	1030235	37.35	ng		98
90) Dibenzo(a,h)anthracene	16.55	278	804605	35.49	ng		98
91) Benzo(g,h,i)perylene	16.92	276	800857	33.97	ng		97

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

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