Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
Data File : BF092950.D
Acq On : 15 Feb 2017 14:48
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
2/16/2017 11:40:04 AM

Quant Time: Feb 15 15:32:17 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	164931	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	658084	20.00	ng		-0.01
38) Acenaphthene-d10	9.92	164	371026	20.00	ng		-0.01
63) Phenanthrene-d10	11.39	188	575587	20.00	ng		-0.01
75) Chrysene-d12	14.03	240	475216	20.00	ng		-0.02
86) Perylene-d12	15.47	264	455310	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	793128	82.50	ng		-0.01
7) Phenol-d6	6.51	99	939886	75.98	ng		-0.02
23) Nitrobenzene-d5	7.45	82	956242	80.92	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	207613	77.37	ng		-0.01
44) 2-Fluorobiphenyl	9.23	172	1539514	75.17	ng		-0.01
78) Terphenyl-d14	12.98	244	1409717	69.70	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	193886	37.32	ng	#	85
3) Pyridine	3.20	79	510136	38.62	ng		87
4) n-Nitrosodimethylamine	3.15	42	244937	39.49	ng	#	88
6) Aniline	6.53	93	680625	40.34	ng	#	52
8) 2-Chlorophenol	6.66	128	437705	41.27	ng		95
9) Benzaldehyde	6.42	77	316878	35.76	ng		96
10) Phenol	6.52	94	521557	36.04	ng		90
11) bis(2-Chloroethyl)ether	6.61	93	485133	42.00	ng		99
12) 1,3-Dichlorobenzene	6.81	146	478557m	38.52	ng		
13) 1,4-Dichlorobenzene	6.89	146	493319	39.24	ng		98
14) 1,2-Dichlorobenzene	7.05	146	460619m	38.31	ng		
15) Benzyl Alcohol	7.01	79	327325	35.74	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	806688	40.20	ng		93
17) 2-Methylphenol	7.14	107	387292	42.57	ng		96
18) Hexachloroethane	7.38	117	167384	39.00	ng	#	85
19) n-Nitroso-di-n-propylamine	7.29	70	309719	39.33	ng		95
20) 3+4-Methylphenols	7.29	107	401986	36.95	ng	#	78
22) Acetophenone	7.29	105	544280	36.22	ng	#	91
24) Nitrobenzene	7.46	77	459920	37.90	ng		99
25) Isophorone	7.70	82	868055	39.42	ng		97
26) 2-Nitrophenol	7.78	139	252300	43.74	ng	#	84
27) 2,4-Dimethylphenol	7.81	122	367633	36.29	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	595089	40.80	ng		98
29) 2,4-Dichlorophenol	8.02	162	373213	39.50	ng		92
30) 1,2,4-Trichlorobenzene	8.10	180	388416	38.15	ng		94
31) Naphthalene	8.18	128	1186500	35.57	ng		99
32) Benzoic acid	7.95	122	199624	36.75	ng		97
33) 4-Chloroaniline	8.24	127	550733	42.09	ng		94
34) Hexachlorobutadiene	8.29	225	198132	35.37	ng		98
35) Caprolactam	8.61	113	120139	40.43	ng	#	42
36) 4-Chloro-3-methylphenol	8.72	107	361945	36.75	ng		97
37) 2-Methylnaphthalene	8.88	142	852880	39.82	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	369424	35.47	ng		100
40) Hexachlorocyclopentadiene	9.02	237	173676	36.96	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	250119	36.55	ng		91
43) 2,4,5-Trichlorophenol	9.20	196	284599	37.96	ng	#	85
45) 1,1'-Biphenyl	9.33	154	918506	34.19	ng		97
46) 2-Chloronaphthalene	9.36	162	772766	36.77	ng		95
47) 2-Nitroaniline	9.46	65	260745	36.90	ng		98
48) Acenaphthylene	9.78	152	1382061	38.07	ng		99
49) Dimethylphthalate	9.64	163	922978	36.93	ng		99
50) 2,6-Dinitrotoluene	9.70	165	193861	35.92	ng	#	71
51) Acenaphthene	9.95	154	855791	39.42	ng		97
52) 3-Nitroaniline	9.87	138	217482	35.21	ng		98
53) 2,4-Dinitrophenol	9.98	184	107083	41.43	ng		93
54) Dibenzofuran	10.12	168	1098081	37.82	ng		91
55) 4-Nitrophenol	10.04	139	187127	42.06	ng	#	72
56) 2,4-Dinitrotoluene	10.11	165	283438	39.45	ng	#	75
57) Fluorene	10.46	166	889739	39.83	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	202968	40.58	ng		98
59) Diethylphthalate	10.34	149	939101	39.87	ng		96
60) 4-Chlorophenyl-phenylether	10.45	204	392198	36.55	ng	#	85
61) 4-Nitroaniline	10.49	138	251143	39.70	ng		91
62) Azobenzene	10.61	77	954413	39.23	ng		95
64) 4,6-Dinitro-2-methylphenol	10.51	198	150833	43.33	ng	#	31
65) n-Nitrosodiphenylamine	10.58	169	743277	40.42	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	254715	42.36	ng	#	86
67) Hexachlorobenzene	11.01	284	243365	40.95	ng	#	86
68) Atrazine	11.10	200	261599	44.33	ng		95
69) Pentachlorophenol	11.21	266	135012	47.25	ng		99
70) Phenanthrene	11.42	178	1328412	40.28	ng		99
71) Anthracene	11.47	178	1218467	36.79	ng		99
72) Carbazole	11.63	167	1224976	38.70	ng		99
73) Di-n-butylphthalate	11.96	149	1478488	43.19	ng	#	96
74) Fluoranthene	12.60	202	1302075	38.28	ng		97
76) Benzidine	12.73	184	650522	32.12	ng		99
77) Pyrene	12.84	202	1356846	38.15	ng		98
79) Butylbenzylphthalate	13.45	149	578244	40.04	ng		98
80) Benzo(a)anthracene	14.02	228	1086587	37.38	ng		100
81) 3,3'-Dichlorobenzidine	13.99	252	397347	38.35	ng		97
82) Chrysene	14.07	228	1159537	42.61	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	775272	39.25	ng		98
84) Di-n-octyl phthalate	14.63	149	1406654	43.74	ng		99
85) Indeno(1,2,3-cd)pyrene	16.89	276	944430	44.81	ng	#	94
87) Benzo(b)fluoranthene	15.06	252	1188878m	39.67	ng		
88) Benzo(k)fluoranthene	15.08	252	854758m	33.03	ng		
89) Benzo(a)pyrene	15.41	252	1014293	39.13	ng	#	96
90) Dibenzo(a,h)anthracene	16.90	278	807828	38.56	ng		98
91) Benzo(g,h,i)perylene	17.31	276	807487	38.15	ng	#	91

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

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