Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091587.D
Acq On : 14 Dec 2016 16:38
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
12/15/2016 5:39:49 PM

Quant Time: Dec 15 14:42:56 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	276890	20.00	ng		-0.02
21) Naphthalene-d8	8.08	136	1112198	20.00	ng		-0.02
38) Acenaphthene-d10	9.84	164	608502	20.00	ng		-0.02
63) Phenanthrene-d10	11.31	188	981749	20.00	ng		-0.02
75) Chrysene-d12	13.95	240	799798	20.00	ng		-0.01
86) Perylene-d12	15.36	264	693331	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1470880	89.50	ng		-0.02
7) Phenol-d6	6.43	99	1760398	85.92	ng		-0.02
23) Nitrobenzene-d5	7.36	82	1729838	86.81	ng		-0.02
41) 2,4,6-Tribromophenol	10.62	330	427935	84.67	ng		-0.01
44) 2-Fluorobiphenyl	9.16	172	2506173	71.16	ng		-0.02
78) Terphenyl-d14	12.90	244	2315640	65.70	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	362221	41.76	ng	#	84
3) Pyridine	3.02	79	1077948	46.64	ng	#	83
4) n-Nitrosodimethylamine	2.98	42	412417	41.54	ng	#	63
6) Aniline	6.45	93	1081661	40.27	ng		95
8) 2-Chlorophenol	6.58	128	793476	42.77	ng		96
9) Benzaldehyde	6.34	77	553169	39.23	ng		80
10) Phenol	6.45	94	987628	41.23	ng	#	72
11) bis(2-Chloroethyl)ether	6.53	93	785335	43.64	ng		87
12) 1,3-Dichlorobenzene	6.74	146	814579m	40.49	ng		
13) 1,4-Dichlorobenzene	6.81	146	802501	40.45	ng		96
14) 1,2-Dichlorobenzene	6.97	146	799585	44.72	ng		95
15) Benzyl Alcohol	6.94	79	710552	43.92	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1230879	44.14	ng		80
17) 2-Methylphenol	7.22	107	777328	50.64	ng		91
18) Hexachloroethane	7.31	117	320229	41.35	ng		91
19) n-Nitroso-di-n-propylamine	7.22	70	584957	45.66	ng	#	77
20) 3+4-Methylphenols	7.22	107	777586	47.05	ng		91
22) Acetophenone	7.21	105	1057154	39.67	ng	#	94
24) Nitrobenzene	7.38	77	852222	40.48	ng		90
25) Isophorone	7.62	82	1493134	42.15	ng		97
26) 2-Nitrophenol	7.70	139	453298	48.78	ng	#	77
27) 2,4-Dimethylphenol	7.74	122	746671	45.75	ng		96
28) bis(2-Chloroethoxy)methane	7.84	93	911442	43.87	ng		99
29) 2,4-Dichlorophenol	7.94	162	573697	40.40	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	651266	40.35	ng		99
31) Naphthalene	8.10	128	2089478	40.38	ng		99
32) Benzoic acid	7.87	122	543257	46.55	ng		94
33) 4-Chloroaniline	8.16	127	1021204	45.81	ng		97
34) Hexachlorobutadiene	8.22	225	360541	38.97	ng		97
35) Caprolactam	8.53	113	212682	51.29	ng	#	56
36) 4-Chloro-3-methylphenol	8.65	107	706508	44.36	ng	#	84
37) 2-Methylnaphthalene	8.80	142	1457943	43.53	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	575953	34.51	ng		99
40) Hexachlorocyclopentadiene	8.96	237	260231	34.97	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	413494	38.56	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	454166	41.21	ng	#	91
45) 1,1'-Biphenyl	9.26	154	1763930	40.02	ng		94
46) 2-Chloronaphthalene	9.29	162	1332651	39.05	ng		93
47) 2-Nitroaniline	9.38	65	474142	41.31	ng		90
48) Acenaphthylene	9.70	152	2156100	41.44	ng		99
49) Dimethylphthalate	9.56	163	1441238	37.41	ng		97
50) 2,6-Dinitrotoluene	9.62	165	323404	38.24	ng		93
51) Acenaphthene	9.87	154	1444316	39.97	ng		97
52) 3-Nitroaniline	9.79	138	398558	40.12	ng		93
53) 2,4-Dinitrophenol	9.89	184	188348	46.86	ng		96
54) Dibenzofuran	10.04	168	1872333	41.88	ng		97
55) 4-Nitrophenol	9.96	139	340835	46.12	ng	#	56
56) 2,4-Dinitrotoluene	10.02	165	442795	41.77	ng	#	52
57) Fluorene	10.38	166	1465748	45.99	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	352224	40.83	ng		95
59) Diethylphthalate	10.26	149	1496000	40.32	ng		98
60) 4-Chlorophenyl-phenylether	10.37	204	570710	35.50	ng	#	77
61) 4-Nitroaniline	10.41	138	471661m	47.78	ng		
62) Azobenzene	10.53	77	1661818	39.53	ng		88
64) 4,6-Dinitro-2-methylphenol	10.43	198	260272	43.92	ng	#	67
65) n-Nitrosodiphenylamine	10.50	169	1286132	43.94	ng		100
66) 4-Bromophenyl-phenylether	10.86	248	410761	40.81	ng		95
67) Hexachlorobenzene	10.93	284	457240	43.69	ng		98
68) Atrazine	11.02	200	360313	38.29	ng		98
69) Pentachlorophenol	11.13	266	273458	46.43	ng		96
70) Phenanthrene	11.34	178	2188675	45.02	ng		100
71) Anthracene	11.39	178	1998733	38.12	ng		99
72) Carbazole	11.55	167	2138410	46.52	ng		99
73) Di-n-butylphthalate	11.88	149	2194068	40.97	ng		98
74) Fluoranthene	12.52	202	2089193	41.04	ng		94
76) Benzidine	12.65	184	893277	36.12	ng		100
77) Pyrene	12.75	202	2097036	33.05	ng		98
79) Butylbenzylphthalate	13.38	149	1057226	42.74	ng		97
80) Benzo(a)anthracene	13.94	228	1725420	37.15	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	680229	40.78	ng	#	98
82) Chrysene	13.97	228	1709522	35.18	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	1219827	38.44	ng		98
84) Di-n-octyl phthalate	14.56	149	2288340	42.48	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.72	276	1505698	34.43	ng		98
87) Benzo(b)fluoranthene	14.96	252	1631141	39.47	ng		99
88) Benzo(k)fluoranthene	14.99	252	1683870m	46.33	ng		
89) Benzo(a)pyrene	15.30	252	1538770	41.33	ng		98
90) Dibenzo(a,h)anthracene	16.74	278	1260624	37.79	ng		97
91) Benzo(g,h,i)perylene	17.13	276	1295720	38.17	ng	#	94

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

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