Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091287.D
Acq On : 23 Nov 2016 20:58
Operator : UM/SJ
Sample : H5740-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MSD

Manual Integrations APPROVED
sohil
11/28/2016 4:52:51 PM

Quant Time: Nov 26 04:31:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 04:24:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	213739	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	865716	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	461529	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	681317	20.00	ng		0.00
75) Chrysene-d12	14.04	240	472482	20.00	ng		0.00
86) Perylene-d12	15.48	264	488268	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1365481	102.64	ng		0.02
7) Phenol-d6	6.51	99	1657879	97.00	ng		0.00
23) Nitrobenzene-d5	7.45	82	1097075	72.96	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	429548	92.29	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1795310	63.69	ng		-0.01
78) Terphenyl-d14	12.99	244	1287926	62.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	164301	26.18	ng	#	85
3) Pyridine	3.29	79	444666	26.37	ng		87
4) n-Nitrosodimethylamine	3.23	42	317295	34.36	ng		94
6) Aniline	6.52	93	379129	17.35	ng	#	37
8) 2-Chlorophenol	6.67	128	508029	35.06	ng		98
9) Benzaldehyde	6.42	77	33494	2.61	ng		92
10) Phenol	6.52	94	611608	32.07	ng		98
11) bis(2-Chloroethyl)ether	6.61	93	546419m	38.98	ng		
12) 1,3-Dichlorobenzene	6.82	146	512536m	32.44	ng		
13) 1,4-Dichlorobenzene	6.90	146	545896	33.76	ng		99
14) 1,2-Dichlorobenzene	7.06	146	490902m	31.99	ng		
15) Benzyl Alcohol	7.02	79	496869	37.44	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.16	45	973781	31.68	ng		71
17) 2-Methylphenol	7.14	107	430148	37.52	ng	#	76
18) Hexachloroethane	7.40	117	187468	32.56	ng		91
19) n-Nitroso-di-n-propylamine	7.30	70	377492	35.21	ng	#	96
20) 3+4-Methylphenols	7.29	107	464023	32.97	ng	#	68
22) Acetophenone	7.29	105	679412	34.78	ng	#	73
24) Nitrobenzene	7.46	77	523602	32.91	ng		95
25) Isophorone	7.71	82	997251	35.50	ng		94
26) 2-Nitrophenol	7.78	139	231899	36.34	ng		98
27) 2,4-Dimethylphenol	7.82	122	478198	35.70	ng		93
28) bis(2-Chloroethoxy)methane	7.92	93	601499	35.96	ng		99
29) 2,4-Dichlorophenol	8.02	162	382887	32.35	ng		96
30) 1,2,4-Trichlorobenzene	8.11	180	469831	34.46	ng		98
31) Naphthalene	8.19	128	1470405	35.31	ng		100
32) Benzoic acid	7.88	122	38332	3.63	ng		88
33) 4-Chloroaniline	8.24	127	272227	15.03	ng	#	93
34) Hexachlorobutadiene	8.32	225	270096	33.51	ng		100
35) Caprolactam	8.60	113	97446	26.71	ng		95
36) 4-Chloro-3-methylphenol	8.72	107	444197	34.92	ng		95
37) 2-Methylnaphthalene	8.88	142	913296	31.95	ng		94
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	439441	35.13	ng		98
40) Hexachlorocyclopentadiene	9.04	237	252987	45.19	ng		99

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091287.D
Acq On : 23 Nov 2016 20:58
Operator : UM/SJ
Sample : H5740-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MSD

Manual Integrations APPROVED
sohil
11/28/2016 4:52:51 PM

Quant Time: Nov 26 04:31:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 04:24:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	292867	33.95	ng		97
43) 2,4,5-Trichlorophenol	9.20	196	283261	34.18	ng	#	88
45) 1,1'-Biphenyl	9.34	154	1063732	31.97	ng		97
46) 2-Chloronaphthalene	9.37	162	818206	33.57	ng		99
47) 2-Nitroaniline	9.46	65	297507	35.97	ng	#	78
48) Acenaphthylene	9.78	152	1269211	32.49	ng		99
49) Dimethylphthalate	9.65	163	1126400	39.09	ng		98
50) 2,6-Dinitrotoluene	9.71	165	223775	35.55	ng	#	53
51) Acenaphthene	9.96	154	928978	34.94	ng		95
52) 3-Nitroaniline	9.87	138	144888	21.41	ng		91
53) 2,4-Dinitrophenol	9.97	184	60763	29.61	ng		91
54) Dibenzofuran	10.13	168	1226478	32.80	ng	#	87
55) 4-Nitrophenol	10.03	139	343464	70.37	ng	#	79
56) 2,4-Dinitrotoluene	10.11	165	299441	37.59	ng	#	85
57) Fluorene	10.46	166	945434	33.04	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	241836	33.19	ng		97
59) Diethylphthalate	10.35	149	1000122	34.49	ng	#	94
60) 4-Chlorophenyl-phenylether	10.46	204	440822	33.44	ng		93
61) 4-Nitroaniline	10.48	138	161985	25.65	ng		86
62) Azobenzene	10.62	77	1079718	36.71	ng		95
64) 4,6-Dinitro-2-methylphenol	10.51	198	92272	29.86	ng	#	67
65) n-Nitrosodiphenylamine	10.58	169	772872	37.36	ng		99
66) 4-Bromophenyl-phenylether	10.96	248	288346	38.72	ng	#	79
67) Hexachlorobenzene	11.01	284	274985	33.69	ng	#	83
68) Atrazine	11.12	200	249012	Below Cal			90
69) Pentachlorophenol	11.21	266	292928	60.65	ng		97
70) Phenanthrene	11.44	178	2995622	84.75	ng		98
71) Anthracene	11.48	178	1528816	42.30	ng		99
72) Carbazole	11.63	167	1205391	37.48	ng		99
73) Di-n-butylphthalate	11.97	149	1332195	35.77	ng		100
74) Fluoranthene	12.63	202	3579971	99.58	ng		98
76) Benzidine	12.74	184	69230	7.56	ng		100
77) Pyrene	12.85	202	3120270	89.38	ng		98
79) Butylbenzylphthalate	13.47	149	464321	33.23	ng		87
80) Benzo(a)anthracene	14.03	228	1788694	66.70	ng		98
81) 3,3'-Dichlorobenzidine	14.00	252	207285	23.44	ng		99
82) Chrysene	14.07	228	1392663	54.95	ng		98
83) Bis(2-ethylhexyl)phthalate	14.03	149	559614	32.18	ng		96
84) Di-n-octyl phthalate	14.65	149	1012117	36.97	ng		96
85) Indeno(1,2,3-cd)pyrene	16.91	276	1287786	59.00	ng		95
87) Benzo(b)fluoranthene	15.07	252	1883936m	61.16	ng		
88) Benzo(k)fluoranthene	15.09	252	1153560m	45.85	ng		
89) Benzo(a)pyrene	15.43	252	1494069m	57.02	ng		
90) Dibenzo(a,h)anthracene	16.92	278	856273	35.39	ng	#	93
91) Benzo(g,h,i)perylene	17.33	276	1086824	45.29	ng		100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
Data File : BF091287.D
Acq On : 23 Nov 2016 20:58
Operator : UM/SJ
Sample : H5740-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 26 04:31:03 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 04:24:47 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MSD

Manual Integrations APPROVED
sohil
11/28/2016 4:52:51 PM