Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086796.D
Acq On : 8 May 2016 1:53
Operator : UM/SJ
Sample : H2882-02MS
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MWHR3-14MS

Manual Integrations APPROVED
Sohil
5/9/2016 7:20:10 PM

Quant Time: May 09 17:34:25 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 07 23:59:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	178149	40.00	ng		0.00
21) Naphthalene-d8	8.00	136	727262	40.00	ng		0.00
38) Acenaphthene-d10	9.74	164	334556	40.00	ng		0.00
63) Phenanthrene-d10	11.22	188	564610	40.00	ng		0.00
75) Chrysene-d12	13.85	240	342238	40.00	ng		0.00
86) Perylene-d12	15.23	264	316390	40.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	779476	72.43	ng		0.01
7) Phenol-d6	6.36	99	695626	47.99	ng		-0.01
23) Nitrobenzene-d5	7.28	82	1369087	96.74	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	437546	133.69	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1864705	91.36	ng		0.00
78) Terphenyl-d14	12.81	244	1742049	102.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	97180	17.47	ng	#	73
3) Pyridine	3.00	79	200985	14.74	ng	#	67
4) n-Nitrosodimethylamine	2.91	42	184571	22.31	ng	#	47
6) Aniline	6.37	93	261847	14.64	ng	#	56
8) 2-Chlorophenol	6.50	128	477165	36.95	ng		94
9) Benzaldehyde	6.26	77	63937	8.84	ng		93
10) Phenol	6.38	94	245518	15.48	ng	#	60
11) bis(2-Chloroethyl)ether	6.45	93	549634	40.27	ng		96
12) 1,3-Dichlorobenzene	6.64	146	519480	37.89	ng	#	89
13) 1,4-Dichlorobenzene	6.72	146	524843	37.02	ng	#	92
14) 1,2-Dichlorobenzene	6.88	146	503746	40.80	ng		99
15) Benzyl Alcohol	6.86	79	325585	34.72	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	6.99	45	1164897	41.74	ng		79
17) 2-Methylphenol	6.99	107	330975	31.83	ng	#	74
18) Hexachloroethane	7.21	117	199154	37.21	ng		95
19) n-Nitroso-di-n-propylamine	7.14	70	491250	49.60	ng	#	74
20) 3+4-Methylphenols	7.15	107	400260	32.88	ng	#	60
22) Acetophenone	7.13	105	820470	48.42	ng		99
24) Nitrobenzene	7.30	77	662878	45.31	ng		99
25) Isophorone	7.54	82	1171613	44.45	ng		99
26) 2-Nitrophenol	7.62	139	297178	45.52	ng		96
27) 2,4-Dimethylphenol	7.66	122	413309	36.05	ng		88
28) bis(2-Chloroethoxy)methane	7.76	93	743328	51.24	ng		99
29) 2,4-Dichlorophenol	7.87	162	426611	43.28	ng		92
30) 1,2,4-Trichlorobenzene	7.94	180	472619	42.98	ng		99
31) Naphthalene	8.02	128	1572023	42.31	ng		100
32) Benzoic acid	7.79	122	100336	26.92	ng	#	84
33) 4-Chloroaniline	8.08	127	156453	10.87	ng		96
34) Hexachlorobutadiene	8.13	225	261588	41.90	ng		98
35) Caprolactam	8.46	113	25080	8.22	ng	#	39
36) 4-Chloro-3-methylphenol	8.57	107	442514	39.35	ng		87
37) 2-Methylnaphthalene	8.70	142	1011300	46.13	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	430428	44.45	ng		98
40) Hexachlorocyclopentadiene	8.85	237	391949	87.22	ng		96

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086796.D
Acq On : 8 May 2016 1:53
Operator : UM/SJ
Sample : H2882-02MS
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MWHR3-14MS

Manual Integrations APPROVED
Sohil
5/9/2016 7:20:10 PM

Quant Time: May 09 17:34:25 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 07 23:59:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	286756	46.57	ng		95
43) 2,4,5-Trichlorophenol	9.05	196	314393	48.87	ng		96
45) 1,1'-Biphenyl	9.17	154	1313667	48.03	ng		98
46) 2-Chloronaphthalene	9.20	162	983720	46.61	ng		98
47) 2-Nitroaniline	9.30	65	322037	42.92	ng	#	74
48) Acenaphthylene	9.61	152	1413525	45.11	ng		99
49) Dimethylphthalate	9.48	163	1097725	44.01	ng		99
50) 2,6-Dinitrotoluene	9.55	165	244819	45.74	ng	#	63
51) Acenaphthene	9.78	154	943132	45.63	ng		98
52) 3-Nitroaniline	9.72	138	98449	16.18	ng		95
53) 2,4-Dinitrophenol	9.82	184	199446	86.29	ng		94
54) Dibenzofuran	9.95	168	1226555	47.88	ng		95
55) 4-Nitrophenol	9.90	139	110234m	31.07	ng		
56) 2,4-Dinitrotoluene	9.95	165	314641	47.44	ng	#	88
57) Fluorene	10.29	166	1028542	49.54	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	253074	53.56	ng		99
59) Diethylphthalate	10.18	149	1120352	47.46	ng		97
60) 4-Chlorophenyl-phenylether	10.28	204	412007	41.74	ng		99
61) 4-Nitroaniline	10.34	138	224910	38.47	ng		84
62) Azobenzene	10.44	77	1265805	48.39	ng		86
64) 4,6-Dinitro-2-methylphenol	10.35	198	142578	49.42	ng	#	32
65) n-Nitrosodiphenylamine	10.41	169	787635	43.93	ng		99
66) 4-Bromophenyl-phenylether	10.77	248	283626	50.55	ng		92
67) Hexachlorobenzene	10.83	284	305890	44.71	ng	#	72
68) Atrazine	10.94	200	283445	51.59	ng		95
69) Pentachlorophenol	11.04	266	292571	87.52	ng		97
70) Phenanthrene	11.24	178	1377426	45.42	ng		99
71) Anthracene	11.30	178	1427929	44.96	ng		99
72) Carbazole	11.46	167	1175482	42.62	ng		98
73) Di-n-butylphthalate	11.79	149	1483414	45.31	ng	#	98
74) Fluoranthene	12.43	202	1479221	48.67	ng		94
76) Benzidine	12.57	184	112379	17.31	ng		95
77) Pyrene	12.66	202	1416397	51.91	ng		100
79) Butylbenzylphthalate	13.28	149	601524	52.63	ng	#	65
80) Benzo(a)anthracene	13.84	228	944272	48.78	ng		100
81) 3,3'-Dichlorobenzidine	13.81	252	156786	12.89	ng	#	95
82) Chrysene	13.87	228	1007763	48.80	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	786546	59.47	ng	#	95
84) Di-n-octyl phthalate	14.45	149	1445288	74.27	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.53	276	889612	50.21	ng		96
87) Benzo(b)fluoranthene	14.84	252	840438m	44.21	ng		
88) Benzo(k)fluoranthene	14.88	252	931977m	52.03	ng		
89) Benzo(a)pyrene	15.17	252	822662	46.98	ng		98
90) Dibenzo(a,h)anthracene	16.55	278	747807	44.45	ng	#	92
91) Benzo(g,h,i)perylene	16.92	276	746571	42.27	ng	#	91

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086796.D
Acq On : 8 May 2016 1:53
Operator : UM/SJ
Sample : H2882-02MS
Misc :
ALS Vial : 66 Sample Multiplier: 1

Quant Time: May 09 17:34:25 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 07 23:59:39 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MWHR3-14MS

Manual Integrations APPROVED
Sohil
5/9/2016 7:20:10 PM